Year 8 Knowledge Organiser

Spring Term 2025/26

Name:

Form:



Week 1/A

	Monday	Tuesday	Wednesday	Thursday	Friday
Tutor Time					
1					
2					
3					
4					
5					

Week 2/B

	Monday	Tuesday	Wednesday	Thursday	Friday
Tutor Time					
1					
2					
3					
4					
5					

Contents Page

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24 – 25	English
26 – 27	Food Preparation and Nutrition
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32 - 33	German
34 – 35	History
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Spring Term

Attendance and Absence

In cases of absence, parents are asked to contact the relevant staff office, as early as possible, giving details. The only acceptable reasons for absence are unavoidable ones such as illness. Appointments of all kinds should be made out of school time whenever possible.

Punctuality

While some delays are unavoidable, pupils should be punctual to lessons. Anyone arriving late to school must report to the relevant staff office and use the late system in order to get a mark. Late after registration closes is technically an **unauthorised absence**.

Pastoral Support Contacts	
Telephone Number:	
Email Address:	

Term Dates Summary

Autumn Term 2025						
Wednesday, 3 Sept –	Half-term: Monday, 27 Oct –	Monday, 3 Nov –				
Thursday, 23 Oct 2025	Friday, 31 Oct 2025	Friday, 19 Dec 2025				
	Spring Term 2026					
Tuesday, 6 Jan –	Half-term: Monday, 16 Feb –	Monday, 23 Feb –				
Friday, 13 Feb 2026	Friday, 20 Feb 2026	Friday, 27 Mar 2026				
Summer Term 2026						
Wednesday, 13 Apr –	Half-term: Monday, 25 May –	Monday, 1 Jun –				
Friday, 22 May 2026	Friday, 29 May 2026	Tuesday, 17 Jul 2026				

My best subject is:
What I want to achieve this term:
School Login Details:
My extra curriculars this term:

Spring Term 1 Calendar

January 2026				
1	Thu	Xmas &		
2	Fri	New Year Break		
3	Sat			
4	Sun			
5	Mon	Teacher Training		
6	Tue			
7	Wed			
8	Thu			
9	Fri			
10	Sat			
11	Sun			
12	Mon			
13	Tue			
14	Wed			
15	Thu			
16	Fri			
17	Sat			
18	Sun			
19	Mon			
20	Tue			
21	Wed			
22	Thu			
23	Fri			
24	Sat			
25	Sun			
26	Mon			
27	Tue			
28	Wed			
29	Thu			
30	Fri			
31	Sat			

February 2026				
1	Sun			
2	Mon			
3	Tue			
4	Wed			
5	Thu			
6	Fri			
7	Sat			
8	Sun			
9	Mon			
10	Tue			
11	Wed			
12	Thu			
13	Fri			
14	Sat			
15	Sun			
16	Mon	Half Term		
17	Tue	Half Term		
18	Wed	Half Term		
19	Thu	Half Term		
20	Fri	Half Term		
21	Sat			
22	Sun			
23	Mon			
24	Tue			
25	Wed			
26	Thu			
27	Fri			
28	Sat	Half Term		

Spring Term 2 Calendar

	March 2026			
1	Sun			
2	Mon			
3	Tue			
4	Wed			
5	Thu			
6	Fri			
7	Sat			
8	Sun			
9	Mon			
10	Tue			
11	Wed			
12	Thu			
13	Fri			
14	Sat			
15	Sun			
16	Mon			
17	Tue			
18	Wed			
19	Thu			
20	Fri			
21	Sat			
22	Sun			
23	Mon			
24	Tue			
25	Wed			
26	Thu			
27	Fri			
28	Sat			
29	Sun			
30	Mon	Easter Break		
31	Tues	Easter Break		

	April 2026				
1	Wed	Easter Break			
2	Thu	Easter Break			
3	Fri	Easter Break			
4	Sat				
5	Sun				
6	Mon	Easter Break			
7	Tue	Easter Break			
8	Wed	Easter Break			
9	Thu	Easter Break			
10	Fri	Easter Break			
11	Sat				
12	Sun				
13	Mon				
14	Tue				
15	Wed				
16	Thu				
17	Fri				
18	Sat				
19	Sun				
20	Mon				
21	Tue				
22	Wed				
23	Thu				
24	Fri				
25	Sat				
26	Sun				
27	Mon				
28	Tue				
29	Wed				
30	Thu				

Homework Log and Parental Check

Week 1	Subject 1	Subject 2	Signed
Monday		-	_
Tuesday			
Wednesday			
Thursday			
Friday			
Week 2	Subject 1	Subject 2	Signed
Monday	-		<u> </u>
Tuesday			
Wednesday			
Thursday			
Friday			
Week 3	Subject 1	Subject 2	Signed
Monday			Ū
Tuesday			
Wednesday			
Thursday			
Friday			
Week 4	Subject 1	Subject 2	Signed
Monday	-		
Tuesday			
Wednesday			
Thursday			
Friday			
Week 5	Subject 1	Subject 2	Signed
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Week 6	Subject 1	Subject 2	Signed
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Week 7	Subject 1	Subject 2	Signed
Monday	-	-	-
Tuesday			
Wednesday			
Thursday			
Friday			

Homework Log and Parental Check

Week 8	Subject 1	Subject 2	Signed
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Week 9	Subject 1	Subject 2	Signed
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Week 10	Subject 1	Subject 2	Signed
Monday	,		<u> </u>
Tuesday			
Wednesday			
Thursday			
Friday			
Week 11	Subject 1	Subject 2	Signed
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Week 12	Subject 1	Subject 2	Signed
Monday	,	•	Ü
Tuesday			
Wednesday			
Thursday			
Friday			
Week 13	Subject 1	Subject 2	Signed
Monday	,		<u> </u>
Tuesday			
Wednesday			
Thursday			
Friday			
Week 14	Subject 1	Subject 2	Signed
Monday	,	,	J
Tuesday			
Wednesday			
Thursday			
Friday			
,	1	<u> </u>	

Reading Log

Use this reading log to keep a record of the books you read during the year. You should also use this reading log to record the books from the Reading Passport that you have read but make sure your tutor records them, too.

Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
					Teacher Initials
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
				_	Teacher Initials
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
					Teacher Initials
				_	

Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
					Teacher Initials
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
					Teacher Initials
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
					Teacher Initials

Year 8 Reading Passport

We have created a Reading Passport to inspire students to read some of the best literature available to them. Over the course of the year, we expect students to read as many of the texts included in the passport for their year group as possible.

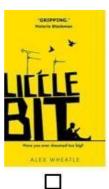
If students manage to read 7, or more, books from this passport by the end of the year they will <u>receive a certificate</u>. They can, of course, read other books and texts throughout the year and we encourage and support students' wider reading. Students can track which texts they have read using the tick boxes on the next page.

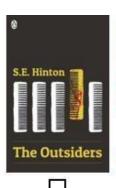
The books selected are fantastic examples of modern and classical literature, representing the best the world has to offer. Students can read these texts independently or they could listen to them on audiobook. The important thing is that they will experience a variety of genres, authors, and stories! We hope that all students will finish Year 11 having read at least 35 incredible books.

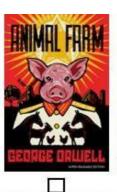
The easiest way to get hold of these books is from our school library where children can take them home to read. These texts can also be purchased from Amazon, or from many local bookstores.

Whilst every care has been taken to check the suitability of the books included in our Reading Passport, we are aware that children mature at different rates. Therefore, we strongly recommend that parents discuss their child's reading choices to ensure they are appropriate for them.

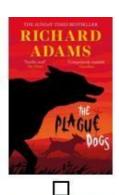
Year 8 Reading Passport

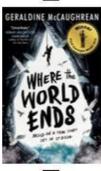


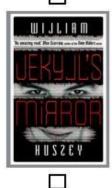










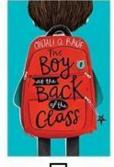


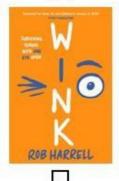










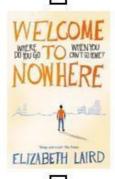




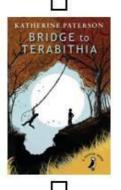
















Instructions for Using Your Knowledge Organiser

Every school day, you should study 1 to 2 subjects from your knowledge organiser for homework lasting at least 1 hour in total.

On pages 8 and 9 there is space for you to record the subjects you have studied to make sure you are giving equal time to all of them. Your parent should sign off your homework each evening on these pages.

Your parent should also sign your reading log on pages 10 and 11. You can use the note pages in this booklet to help with your studies.

You need to bring your Knowledge Organiser to school every day. It will be checked regularly during form time.

You will be regularly tested on knowledge contained in this booklet.

8 Top Revision Tips





LONG TERM MEMORY



Retrieval Practice

Create your own quizzes pased on topics.

yourself or get someone to test you, it works! Create them, test

Revise it, practice exam Apply your knowledge!

THE MEMORY CLOCK **Deliberate Practice**

questions and then go over using your notes, adding or redrafting!

Read mark schemes

Elaborate

Space

111 1111

Read examine

Plan topic

Re-draft

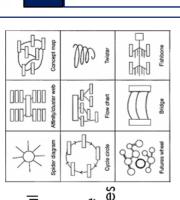
Graphic Organisers

causes, consequences nformation into visual narrative, identify the create links, show a and importance. Iransform the revision to

Practice planning exam question

answers.

Answer Planning



Flashcards

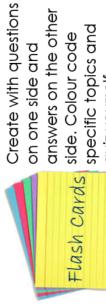
Practise answers

TII PRINCIPLE

Recreate condition exam

Set a timer

Test knowledge



Record yourself on your phone quiz yourself. istened to as many times as Information. These can be or tablet reading out the Record It

remember by simply

Some find they

Practice!



out as many of the keywords or dates

post-it notes, write

Using a pack of

Post its

you want!

leach it!

remember in only 1

minute!

as you can

writing the facts over and over again. PERFECT

Read through your

as much as you can emember. Then

Hide and Seek

acts – it really helps you

emember!

eading the Knowledge

out loud as you're

Simply speak the acts and dates

Read Aloud

Organiser. Even try to act out some of the

and try and write out knowledge organiser / book, put it down keep adding to it until its full!

acts and then get them to est you, or even test them! Feach someone your key



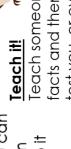
of the facts or dates. It could be a

Draw pictures to represent each

Sketch it

simple drawing or something that

eminds you of the answer.





questions.

and draft key paragraph

Bullet point, speed plan

Year 8 Spring Term Knowledge Organiser

Art - Typography- Printmaking:

paper. Printmaking normally covers only the process of creating prints that have an element of originality, rather than just being a photographic reproduction of a Printmaking is the process of creating artworks by printing, normally on image or a painting.

	Art Specific Language and Terms	age and Terr	ns
Typography	Typography is the art and technique of arranging type to make written language legible, readable, and appealing when displayed.	Screen printing	A printing technique where a mesh or screen is used to transfer ink onto a surface, except in areas made impermeable to the ink by a blocking stencil.
Lino-cut printing	Lino-cut printing is a form of printmaking where the printing plate is cut into lino. The lino-cut is then inked, a piece of paper placed over it, and then run through a printing press or pressure applied by hand to transfer the ink to the paper.	Graphic Designer	Graphic designers create visual concepts, using computer software or by hand, to communicate ideas that inspire, inform, and captivate consumers. They develop the overall layout and designs for advertisements, brochures, magazines, and branding.

Typographical Art:

HEART-SHAPED FACE AND LIPS TELL NOR! ABOUT







Craig Ward

Ronald Hunter

Lewis Durrant

Nicolas Girard

Year 8 Spring Term Knowledge Organiser

Art – Typography– The Art of Lettering:

	Art Specific Language and Terms	age and Terr	ns
Typography	Typography is the art and technique of arranging type to make written language legible and appealing when displayed.	Leading	leading is the space between individual lines of type.
Typographer	A Typographer is someone who designs a typeface or who arranges type.	Display Typeface	A display typeface is a typeface that is used for visual impact, rather than for extended passages of text.
Kerning	kerning is the process of adjusting the spacing between letters.	Script Typeface	Script fonts can be formal scripts, derived from 17th century formal writing or styles that look informal or handwritten as well as calligraphic scripts which emulate calligraphy.

Types of Font:

(without flicks) Sans-serif:

David Carson is an

Typography:

designer. He is best

known for his

American graphic

Serif: (with flicks)

AaBbCc

innovative magazine

design, and use of

experimental

Changing the

Sans is the French word for without. Weight and Size:

of type changes the emphasis

graphic designer of

most influential

the art director for the and was perhaps the magazine Ray Gun weight ...

typography. He was





Y8 CITIZENSHIP KNOWLEDGE ORGANISER

which allows you to work out how much you are able to expenditure (money spent) A plan showing income (money coming in) and spend.

and companies. This is spent government by individuals on public services like the Money paid to the NHS and schools.

that one is bound to pay to Something that is owed or or perform for another.

essential services.

The Economy

and services (things done by of value. It is usually divided into goods (physical things) An economy is a system of making and trading things people).

he Annual Budget

the more hours you work, the more pay you'll receive. You

can get paid **piece work** – this is when you're paid a set

commission – this is mostly for sales jobs, when you receive produce, the more you'll be paid. Sometimes people gel

commission as an extra on top of your salary

when you eam a set amount for every hour that you work.

normally receive the same amount of pay every month in

If you get paid a salary, this is when you are told the amount of money you will eam in one year. You will

How are people paid for jobs?

free healthcare via the NHS.

The governments plans for spending and managing taxes and public funds for the year.

Money &

Findince

the Chancellor of the Exchequer

Chancellor for short) is the government's chief the Chancellor of the Exchequer (called The



Command Words

Spring Term

Present a reasoned case

Argue

Put your ideas into effect in a relevant

γď

Apply

hey are responsible for setting levels of tax that people must pay and finance minister and one of the most senior members of the Cabinet. decides how much we will spend on public services across the UK. They announce these changes each year in the Annual Budget Statement.





Public Services

Consider

Review and respond to given information

Identify similarities and/or differences

Compare

perspectives on an

Debate

issue





collected by the government. The taxes are taken from people's These are services provided to the public and paid for by taxes Public services are available to everyone, usually for free. Every person in the UK is entitled to a free education and wages and used by the government to provide many



Present a possible

case/solution

Suggest

Set out main characteristics

Outline

Present key points without detail

Summarise





Making Connections

How can you link different topics together? Government + Budget + Taxes Public Services + Budget Taxes + Public Services

he Chancellor + Cabinet + Public Services Taxes + The Annual Budget + Economy Debt + Budget





What is a budget? A plan for what you will spend – with a fimescale.

Why budget? Puts you in control, understand your spending better, it allows us to save for the future, provides financial security and you can buy more of the things you like.

Y8 CITIZENSHIP KNOWLEDGE ORGANISER

Constituency

area who elect an MP to The voters in a particular Parliament.

Manifesto

A statement of policies and aims, usually released around the time of a general election.

Government

General Election form the The winning party in a government.

The Prime Minister belongs The Government is led by to the political party with the majority of the seats. the Prime Minister.

an elected representative who works in the House of Commons. There are 650 Member of Parliament all together.

Houses of Parliament

to make decisions and pass laws. Parliament makes sure where MPs and Peers meet that the government are Parliament is the place running the country properly.

Government

Politics &

A lack of interest in voting – usually because of a lack of Elections

political knowledge.

Parliament Act **Fixed Term** 2011

every five years. This is a piece of legislation (law) that means that Election must take place a General

running the police, prisons, law and Responsible for order and the justice system. Secretary Home

axes – and preparing for much is spent and how managing finances of he Government – how much is collected in Responsible for the budget.

Chancellor

Secretary Defence

armed forces and country, including defence of the

Responsible for

weapons. Voter Apathy

charge of many aspects of The Government are in our daily lives, such as...

Command Words

Spring Term

Present a reasoned case

Argue

Put your ideas into effect in a relevant

Wdy

Apply

- Healthcare Education
 - Police
 - ✓ Housing
- The economy





Compare

Review and respond

and/or differences

Identify similarities

to given information

Consider

MP's who are hand chosen The cabinet is a group of like health, education and important departments... charge of all the money by the Prime Minister to the Treasury which is in help make important raised through taxes! decisions and run

perspectives on an issue Present a possible case/solution Present different characteristics Set out main Debate Suggest Outline

Present key points without detail Summarise

Who can and cannot vote? 7007

Ναγί

On the electoral Over 18

In the House of

Lords

- British Citizen register
- In prison



Making Cormoconstant topics together?

How can you link different topics together?

Democracy + MP + Cabinet + Prime Minister

Computer Science – 8.3 Web Authoring Keywords

What is a website?

the ing ess lave	ut A button that link	A. Direction B. Navigation	that C. Accessibility	tive. Give 2 factors to	s website?	+		2	γh		this 1.	less 2.	or
Web Authoring is the process of using a graphical interface to create a web page or website. The advantage of using this method as opposed to straight HTML is that you can create the look of the finished product in an easier 'point and click' way. A disadvantage may be that the Web Authoring software generates more, unnecessary code that results in a bigger file size. A template is a pre-set layout that can be used instead of starting from scratch. This may take less time and look professional, however it may not meet your needs fully. Response that information stored exactly as the user input it. Forms	Interactive element. Interactive menus can be used as an easy way to navigate a website without the need to remember command line instructions.	Interactive element. An image that allows the user to interact with the page. Usually this occurs r when the user hovers the mouse over the image and the image changes in some way.	Interactive element. Shortcuts to places either within the website or sometimes external links that take the user to a linked website elsewhere.	Interactive element. A field that searches the site, usually, for keywords or phrases. The benefit of this is that the user is less likely to get 'lost' or frustrated and leave the site to access an alternative.	Which group of people is the Website being created for? The intended user of the website. This could be an age, gender, situation, religious group, occupation, ability or a mixture of them all.	The purpose of a website relates to the reason that the site is in existence. This may be to sell, inform, teach, socially connect, promote, display information etc.	The folder that will contain all of the documents, flies and folders that relate to the website.	E-safety is safe and responsible use of technology on the computer and the internet.	Reliability of information often comes down to the source, where you have got the information from. Did you get your information about todays weather from the Met office or Bob down the road? Which is likely to be more reliable? Who/where gave me the information, do I trust it? Why do I trust it?	The underpinning structure and navigation of a website.	When creating a product we often have a target audience in mind. That is, WHO are we making this product for? A website aimed at children may look remarkably different for a website aimed at adults who are sight impaired.	Target Difference audiences will have different needs. For example, certain groups may need more or less Audience needs colour, can handle different types and complexity of language, use bigger smaller text, need more or less interactive features etc.	Can everybody access your website? For those who struggle with small text is there a magnifier or narration option? High or low contrast version for those with certain conditions, etc.
Web Authoring Template Response Forms	Interactive	Interactiv Image roll over when the	Web links	Site search	Audience	Purpose	Root Folder	E-Safety	Reliability	Sitemap	Target Audience	Target Audience needs	Accessibility features

consider when designing a GOOD

using a template

ks to another page is a form of?

Computer Science – Python Keywords

Comments	Comments are notes in programs that the compiler/interpreter ignore. In Python you write a comment by first typing a #
Variable	Is a space in memory to store some information, that we can be used later on in a program. This information can take on many forms it is therefore variable (it can change)
Data Types	Data Types are categories that define what a variable can store. Like in a child's game the square brick must go in the square hole, and a round brick in a round hole.
String	String is a type (category) of variable. Strings are combinations of letters and or numbers. Anything in quotes is a string Fr example. "a" "ABCD" "123" "Hello world 123"
Integer or int	Integer or int is a type (category) of variable. An integer or int is a whole number. For example 1, 123, 1234567
Float	Float is a type (category) of variable. A float is a decimal number. E.G 1.2, 1.234, 0.123
Boolean	Boolean is a type (category) of variable. A Boolean can be True or False.
List	A List a is type (category) of variable. It can store multiple pieces of information in one variable. Lists can store a mixture of strings, ints, floats, even other lists. Think of it like a shopping list.
Cast/Casting	Casting means to change a variables type (Category). For Example int ("123") becomes 123 str(123) becomes "123" str(1.23) becomes "1.23" and float(123) becomes 123.0
Input Command	A way to get information into the computer when programming. E.G. input("Enter your name")
Output Command	A way to get information out of the computer when programming. E.G. print("Hi Bart")
Concatenation	Concatenation means to link or join things together. In programming we use it to "glue" strings together. For example "Cat" + "Hat" would become "CatHat"
Mathematical Operators	Are mathematical functions that can be preformed on integers and floats. For example add $(+)$, subtract $(-)$, multiply $(*)$ divide $(/)$, MOD $(\%)$, Integer Division $(//)$, exponent $(**)$
Assignment Operators	Are used to assign values to variables. For example = , += , -= , * = , /=
Conditional Statements	A conditional statement is an if statement. If statements can be true or false (like a Boolean variable)
if elif else	How we deal with a conditional statement/selections. For example: if HomeworkNearlyDone print(" 1 hour of Xbox") elif HomeworkComplete print("You can play Xbox"), else print("Do your homework!")
Comparison Operators	Used with conditional statements if, elif, and else as all can be resolved to true or false. For example: == 'equal to' != 'not equal to' > 'greater than' < 'less than' >= 'greater than or equal to' <= 'less than or equal to'
Logical Operators	Used to combine conditional statements so they resolve to a single true or false answer. I.E. 'and' 'or' and 'not' For example if HomeworkDone and BedroomTidy print(" You can play Xbox")
Iteration	Means to do the same process over and over again in a loop.
for	A type of loop used in programming when we know how many time we want to iterate.
while	A type of loop used in programming when we do not know how many time we want to iterate.
Syntax Error	An errar im thee writan code. Like a spelling or grammatical error when writing a sentence.
Logic Error	When the code runs, but does not do what you expect. Logic errors are far harder to fix.

What is the variable used in this python code? age = input("How old are you?")

Explain this piece of python code.

age = input("How old are you?")
Print (age)

Give 2 rules for naming variables.

2

What will the output be when this piece of python code is run.

numb2 = 9
Answer = numb1 + numb2
Print (answer)

- performance and notice where the building https://www.youtube.com/watch?v=9JzdIP Watch frantic Assembly's ignition
- Listen to frantic Assembly's music for 2
- https://www.youtube.com/watch?v=9SBNC YKSceU&list=PLfm36mehsxeTs75GL_72D devising, what stories do you hear in the music how could you use this in a complicate performance? S7LBK8LbXueR

Features of Frantic work

- The use of the body as the primary (but not exclusive) method for story telling.
 - Dance
 - Mime
- Demonstrative movement
- Use of sound to create atmosphere and mood
- Dialogue.
- Music is very important in Frantic's work

FRANTIC ASSEMBLY

we don't always hear and about finding talent in places we don't Blocks – small, secure steps that lead to discovery. We have a constant desire to improve. It is about telling stories in a voice It is about the ethos of collaboration, of empowerment, of that always look. When we make the work, we talk about Building mantra, 'Always Forward, Never Back' and through this and How Frantic Assembly create their work these small, secure steps we WILL find a way

Definition	A technique that gets a performer to think about the moment , before the touch, of the touch & after the touch	The art of putting together a range of movement sequences together to create one piece of movement.	A sequence of movement, often performed by two people, which involves partners moving round, by and through one another.	A sequence of contact movement, often performed by two people, that involves moving hands on each other's torsos.	A series of contact movements that are performed mainly on chairs, often between two people.
Vocabulary	Three universe	String of Chorography	Round by through	Hymns hands	Chair duets

Artistic Director - Simon London 1983 McBurney

Performance

Complicité

Seven Levels **Techniques**

of Tension

Physical

theatre

Mime

Complicité was founded in practitioner Jacques Lecoq Influenced by theatre

Features of Complicite's work

Who is the lead practitioner in Frantic

Key Questions

<u>@</u>

ලන

Physic

- Slow Motion

- Voiceovers
- Direct address Puppetry

between Complicité and Frantic Assembly?

Complicité use within their performances? What are the similarities and differences

What are the Seven Levels of tension

3

What does it mean to work as an

Assembly?

ensemble?

- Ensemble work Multimedia Multi Role
- Minimal fixed set Universal props
- Split stage

Clowning

Motif

Movement

Gesture

Dance

How Complicité create their work

In the making of work, it is a story that is being told, with the way of telling it gradually emerging from a series of connected ideas that increase in complexity as rehearsals progress. At the start, the company might attempt to divide a short piece of text into may end up using a combination of sound, video, physical theatre in space ten written phrases or five images, but as they progress their ideas, they and spoken dialogue to tell a fragment of story.

Vocabulary	Definition
Ensemble	Actors working as a group.
Multi role	An actor plays more than one role in performance.
Puppetry	a form of theatre or performance that involves the manipulation of puppets – inanimate objects, often resembling some type of human or animal figure, that are animated or manipulated by a human called a puppeteer
Physical theatre	Communicating a story or meaning through movement.
Clowning	Clowning as we practise it consists of improvisations on a stage and as such is a form of theatrical expression.
Gesture	a movement of part of the body, especially a hand or the head, to express an idea or meaning
Mime	Mime is the theatrical technique of expressing an idea entirely by gesture and bodily movement without the use of words. Miming uses gesture and movement.

Graham, Steven

by Scott

Vicki Middleton.

We were suddenly

Hoggett and

encouraged to

inspired and

form our own

theatre

company

founded in 1994

Assembly was

Frantic



Verbatim Theatre & Theatre In Education

Drama

Verbatim Theatre

- Verbatim theatre takes the words of real people Sometimes the interviewer's questions are and puts them into the context of a play
- Sometimes the questions are removed to create included to create dialogue.
 - The words are usually gathered by interviewing people and recording their responses. a monologue.

The words can also be gathered from interviews

that have been broadcast on the television or

Practice Task

- topic that you feel would make a good verbatim theatre piece. Collect some research on a theatre performances. Why Watch one of the verbatim
- was it so effective?

erbatim theatre performances or the record - Based on the

ondon's burning - based on 2011

an we talk about this? - Based on forced Marriage



- and differences between What are the similarities What drama techniques verbatim theatre and Brechtian theatre?
- naturalistic? Is so how and verbatim theatre piece? would you add into a

Expression

Language Body

The way in which a character communicates using

gestures, movements and mannerisms.

Performance Skills The feelings expressed on a character's face.

Voice

Volume (Loud or Quiet) / Accent (Region).

Space

space in which the drama takes place.

Proxemics Levels

other characters.

Tension

Semiotics

audience want to know what will happen next.

When the character is tense.

inds meaning from (visual and audible)

A person represented by the actor

Character

Dialogue

Speech / conversation between two or more people

Key Questions:

useful technique to use? Why is 'role on the wall' Why would you use

how to create a

play for

unison in a performance? Give 3 examples of stimuli?

Practice Tasks:

replied: "The same as for

adults, only

better."

Stanislavski

children,

White a monologue based on a character sharing a secret to their friend. Remember to add thoughts and feelings

teach 5 year olds about crossing Write a plot for a play that could the road safely

Deciding on your target audience Six steps of T.I.E

.. Deciding on the topic of your

Research your topic

4. Writing your devised scene

5. Audience participation

Flashbacks can add recall events, show All Character in the piece often follows revolve around the rhis is really useful there is a dilemma This breaks the 4th audience how you protagonists story. Monologues can be used in TIE to performance are participation and traveling form of useful in showing Very often in TIE emotion, tell the are felling. They stereotypical, so powerful tool!!! what happened These are very The plot of the points of view, way of adding tension to the engagement decision or before the are a very audience. An actor can chose to Performers in a scene are asked years before or after a dramatic to improvise scenes which take place seconds, minutes, days or The leading character or one of oversimplified image or idea of Sometimes they may expect an gesture and body language but the major characters in a play. that the same actor has taken Multi-roling is when an actor the audience can clearly see Direct Address It is when an involve the audience or not. onstage. The differences in A widely held but fixed and a particular type of person. audience, explore an idea, the consequences of their exploration of characters' Monologue is where one (audience participation). character speaks to the on more than one role. answer from them too Stereotypical Characterisa Protagonist Monologue Multi Role and Flash-Flashback Address forward Direct using Tone (Emotion) / Pitch (High or Low) / Pace (Speed) The signs and symbols created on stage, that an audience The concept of making the Communicating to the audience what the relationship of Characters being visually higher or lower on stage than the characters is like through the use of space/distance The area between and around the actors. The theatre The way in which the voice is used to present emotion



Rhetoric is the art of persuasion in speech, using the triad of ethos, pathos and logos to underpin its core elements.

Ethos relates to the ethical use of words in our speech - this could be what is the 'personality' that represents a group or idea; its main beliefs

and values.

Pathos is the emotional appeal encouraging an audience to be pulled into either negative or positive thoughts. ogos is the use of facts, logic and clear reasoning to steer people towards an idea.

vocabulary words. Can you recall each term using the definitions?

Test yourself - cover the

The ethical use of words in our speech

B. Use of words 'you' or 'we' to appeal to the audience/reader

The use of facts, logic and clear reasoning to steer people towards an idea. Ö

Vocabulary

rhetoric

A person or thing that is the direct opposite of someone or something else. D.

The omission or absence of a conjunction between parts of a sentence, as in came, I saw, I conquered.

The structure, style and organization of a work, encompassing its overall genre and specific literary devices. Ľ.

The use of numbers to draw attention to the specificness of a fact e.g. 50%, one third, millions of, only three people attended G.

A literary device that is an indirect reference to a well-known person, place, event or another literary work. Ï

exploitation of figures of speech and other compositional techniques. The art of effective or persuasive speaking or writing, especially the

The repetition of a word or phrase at the beginning of successive clauses.

K. A plan of things to be done or problems to be addressed.

A short story that supports the understanding of an idea being addressed in a piece of writing or in a speech.

The emotional appeal encouraging an audience to be pulled into either negative or positive thoughts. Σ

N. The way a piece of writing is constructed or organized

I – Rhetoric

B - Direct Address J – Anaphora

C - Logos K – Agenda

D – Antithesis L – Anecdote

E – Asyndeton M – Pathos

F – Form N - Structure

G - Statistics

H – Allusion



anaphora antithesis

anecdote

allusion

form

statistic

logos

structure

ethos

agenda

matching definitions to words.

Practise spelling vocabulary words and

direct address

pathos

asyndeton

Extract from Abraham Lincoln's **Gettysburg Address**

in Liberty, and dedicated to the Four score and seven years ago our fathers brought forth on this continent, a new nation, conceived proposition that all men created equal" (Lincoln, 1863)



Extract from Churchill's speech titled



PATHOS

USING EMOTIONS AND PASSION TO PERSUADE



Task 1 - In Abraham Lincoln's speech, see if vor which parts are ethos, pathos and logos.



the abyss of a new Dark Age made more

sinister, and perhaps more protracted, by

the lights of perverted science.

Hitler knows that he will have to break us stand up to him, all Europe may be free and the life of the world may move forward into broad, sunlit uplands. But if the United States, including all that we have known and cared for, will sink into in this Island or lose the war. If we can we fail, then the whole world, including 'This was their finest hour'

many of examples as possible of the methods in the vocabulary list on the first page of this Knowledge Task 2 - In Churchill's speech (above), identify as Organiser.



Task 3 - Look at Example A then Example B.

Highlight the phrases in Example B that use examples of the methods in the vocabulary list on the first page. Task 4 - It is easy to see that Example B is better. Pick out 3 of the methods are effective in being persuasive to the target audience. methods that you identified in Task 3 and explain why these

you imagine beaches covered in trash instead of golden sand?

oceans—killing marine life and poisoning our food chain. Can

Every year, over 8 million tons of plastic end up in our

Example B

harm could that really cause in the long run anyway?

responsibility and choose to protect our planet. Think of the

Littering isn't just careless—it's devastating. Take

surrounded by waste. We created this problem, so act now to

fix it. Will you be part of the problem or the solution?

turtles choking on plastic bags and the children growing up

Task 5 - Write your own persuasive speech on pollution.





Example A

You probably shouldn't litter, but it's not really that big of a deal if you do. Sure, trash might end up on the ground, but someone will probably clean it up eventually. The earth is pretty big, so a few wrappers or bottles won't make much difference. Besides, picking up litter can be tiring, and bins aren't always nearby. It's just one piece of garbage—how much

The Eatwell Guide Part 2 (Protein, Dairy and Fats & Oils) Year 8 KS3 Cooking and Nutrition:

Prior Learning / Context:

principles of healthy eating. Basic cooking skills, including knife skills Prior learning includes introduction to the Eatwell Guide and the and cooker safety, also completed.

Key Questions:

Why is it important to include fish into our diets? (2 marks)

of the nutrients essential considered to be one Justify why protein is for life (4 marks)

How do you know if produced to a high standard? (2 marks) milk has been

Poisoning (the 4Cs) Preventing Food



Danger Zone 5-63C, Cook 75C+ Freeze -18C, Chill 0-5C, Key temperatures

Dairy and Alternatives

The science of

cooking

- Products made from cows milk
- Good sources of protein and calcium
 - soya milk and oat milk Alternatives include

Protein

meat, fish, egg & plant alternatives eg soya Products including

> HOW YOUR BODY USES AMINO ACIDS AS BUILDING BLOCKS

- Needed for growth and repair.
- need more protein such Some groups of people as pregnant women.

- **shortening** prevent gluten formation Plasticity and
- means
 - set a mixture
- fats and eggs

(ear 9 – Food Choice and traditions cooking

Key Vocabulary

Year 9: Food Choice and cooking traditional dishes

Future Learning:

Food Preparation Outcomes:

KS4: AQA GCSE in Food Preparation and Nutrition

Recipe, Nutrition, Cross-Contamination, Food Poisoning, and unsaturated fats, Coagulation, Aeration, Coronary Pathogenic Bacteria, Protein, Amino acids, Saturated Heart Disease,

Retrieval Practice – quizzing, starter/plenary tasks

Assessment:

Food provenance Food preparation Food choice Food safety Formal knowledge assessments – delivered in time with reporting Food preparation skills assessed after every practical (P, D, C, E)

Nutrition and Health

Themes:

Science of Cooking

when making pastry acid or mechanical proteins by heat, **Denaturing** of

heating protein to Coagulation –

Aeration – role of

26

Protein

Meat, Poultry and Fish

Protein is one of the nutrients essential for life. It is needed for the growth and repair of our cells and for energy. Some groups of people need more protein than others, for example, children and pregnant women need more protein for growth.

Each protein molecule is made up of a combination of 20 amino acids. It is essential that we include certain amino acids in our diet because our bodies cannot make them. There are 8 essential amino acids for adults and 10 essential amino acids for adults are needed for growth).

Sources of protein that contain all of the essential amino acids are called High Biological Value (HBV) or complete proteins. Sources of protein that contain some of the essential amino acids are called Low Biological Value (LBV) or incomplete proteins.

HBV proteins are mainly from animal sources. LBV proteins are mainly from plant sources such as beans, nuts and seeds. When combining LBV proteins you can consume all the essential amino acids (LBV + LBV = HBV). An example of this is beans on toast. This is called protein complementation.

Poultry are birds that are reared for eating. Popular poultry includes chicken, duck, turkey and goose.

Fish can be divided into three types, white, oily and shellfish. Fish is high in protein and you should dim for at least 2 portions of fish every week, 1 of which should be oily, such as salmon or mackerel, because it is high in vitamins A and D.



Eggs and Dairy Foods

Eggs are nutritious – they're a source of protein, vitamin D, vitamin A, vitamin B2, vitamin B12, folate and iodine. Eggs can be enjoyed as part of a healthy, balanced dief, but it's best to cook them without adding salt or fat, for example boiled or poached.

Eggs are produced by laying hens. Hens can be housed in cages or barns to lay their eggs or they can be 'free range' and have access to the outdoors. The British Lion Code of Practice ensures that eggs are produced to high standards – look out for eggs That have the Red Lion stamp.

Milk and dairy products, such as cheese and yoghurt, are great sources of protein and calcium. They can form part of a healthy, balanced diet, especially if you go for lower fat and lower sugar options.

Milk is supplied by dairy cows but it is also available from sheep and goats. You can look out for the Red Tractor logo on dairy foods. This is a quality assurance scheme that informs consumers that milk has been produced to high standards by UK farms.

The milk you buy in the shops is heat-treated to 72C to destroy bacteria. This process is called pasteurisation. Fresh milk should be stored in the fridge and will last 5 days. Longer life milk is also available. Ultra-heat treatment milk (UHT) is heated to 135C and can be stored at room temperature for about 6 months. Some or all of the fat in milk can be removed to make a healthier version so full fat (blue packaging), semiskimmed (green packaging) and skimmed (red packaging) varieties are widely available.

Organiser
Knowledge
Y8 Spring Term
French >

What are your hobbies?

sont tes loisirs?

artphone

Unit 3: Les loisirs - Hobbies

have a smartphone

surf/blog/chat

e blogue/Je chatte

s achats en ligne

es playlists

shop online

	•				
Qu'est-ce que tu	What do you	Qui es ta célébrité	Who is your favourite	rite	Quels sont te
aimes à la télé	like on TV	préférée ?	celebrity?		J'ai un smartphol
J'aime/J'adore	I like/I love	Ma célébrité préférée	My favourite celebrity	ity	Je surfe/Je blogu
Je n'aime pas	I don't like	est	is		Je fais des achat
Je déteste	I hate	parce qu'il/elle est	because he/she is		Je crée des playl
les comédies	comedies	parce qu'il/elle n'est pas	because he/she isn't	<u></u>	Je ioue au foot
les dessins animés	cartoons	intelligent(e)	intelligent		le télécharge de
les feuilletons	soaps	arrogant(e)	arrogant		J'écoute de la mi
les séries (policières)	(police) series	égoïste	selfish		X em riis eilei el
les documentaires	documentaries	drôle	funny		le fais du vélo
les infos	the news	modeste	modest		le lie dec PD
les jeux (télévisés)	gameshows	généreux/généreuse	generous		Je san sil ac
les émissions de	programmes	travailleur/travailleuse	hard-working		Je ne regarde jar
sport	sports	beau/belle	good-looking	_	or discontinuo
cuisine	cooking	gentil/gentille	kind		Ose time phrase
télé-réalité	reality TV	Remember to make the adjective ending agree for	ctive ending agree for		(sometimes), a
musique	music	masculine/feminine.			tne time) to mak
science-fiction	science fiction	La télé			On year on oing
Mon emission	My favourite	Je regarde la télé	watch TV	icy	on va au cine
preferee c'est	programme is	le matin in	in the morning	ae val	de vais au cilleilla ce s

1		
^	On va au ciné ?	Shall we go to the cinema?
watch TV	le vais au cinéma ce soir	I'm going to the cinema
in the morning	oc vais au cilicilia co soii:	this game of the
prince out ni		tuis evening
ill tile everillig	Je vais voir	I'm going to see
at the weekend	une comédie	a comedy
at home	un film d'animation	an animated film
on the bus	un film romantique	a romantic film
at my friends' house	un film d'action	an action film
alone	un film de science-fiction	a sci-fi film
with my family	un film de super-héros	a superhero film
with my friends	un film d'horreur	a horror film
on my	Tu viens?	Are vou coming?
tablet/smartphone	Oui, je veux bien !	Yes, I'd like to!
on demand	Désolé(e), je ne peux pas.	Sorry, I can't
It's easy	Rendez-vous à quelle heure?	When shall we meet?
It's not expensive	Rendez volls chez moi à 19h	Meet at my house at 7nm
	TOTAL PORT OF THE PROPERTY OF	Wood at 11 years at 1 kins

es), d'habitide (usually), tout le temps (all

to make your work more interesting.

phrases such as: souvent (often), parfois

I never watch TV

arde jamais la télé

read comics

go cycling

play on my Xbox

download songs

arge des chansons

de la musique

ır ma Xbox

listen to music

create playlists

play football

	On va au ciné ?	Shall we go to the cinema?
	Je vais au cinéma ce soir.	I'm going to the cinema
		this evening
	Je vais voir	I'm going to see
	une comédie	a comedy
	un film d'animation	an animated film
	un film romantique	a romantic film
an a	un film d'action	an action film
	un film de science-fiction	a sci-fi film
	un film de super-héros	a superhero film
	un film d'horreur	a horror film
	Tu viens?	Are you coming?
	Oui, je veux bien !	Yes, I'd like to!
	Désolé(e), je ne peux pas.	Sorry, I can't
	Rendez-vous à quelle heure?	When shall we meet?
	Rendez vous chez moi à 19h	Meet at my house at 7pm

à la demande smartphone

C'est facile

Remember to make the adjective ending

agree for masculine/feminine.

boring stupid funny

ennuyeux/ennuyeuses

Ce n'est pas cher

sur ma tablette/mon

avec mes copains avec ma famille

chez mes a mis

entertaining

exciting

ridiculous

ridicules

senl(e)

action-packed

plein(e)s d'action

marrant(e)s nuls/nulles

bêtes

passionnant(e)s divertissant(e)s

rubbish

dans le bus à la maison le weekend

Because they

Parce qu'ils/elles

Pourquoi?

Why?

Question words		
You can form a range of questions by using:		Tom
a question word + est-ce que and the tu form of the verb	verb:	ne/n,
Quand est-ce que tu regardes la télé? When	When do you watch TV?	Je n'a
Où est-ce que tu regardes la télé ? Where	Where do you watch TV?	Je ne
Avec qui est-ce que tu regardes la télé? With w	With whom do you watch TV?	Je ne
Qu'est-ce que tu regardes ? What o	What do you watch?	Je ne
Comment est-ce que tu regardes la télé? How de	How do you watch TV?	Je ne

Inegalites	
rap negati	To make a sentence negative, wrap negative expressions around the verb:
jamais (never)	rien (nothing/notanything)
	I do not have a computer
	I do not do sport
Je ne joue jamais à des jeux vidéo	I never play video games
	l do not read anything
	I do nothing online

Y8 Spring Term Knowledge Organiser French

Où habites-tu ?	Where do you live?
J'habite	l live
dans un (petit) village	in a (small) village
dans une (grande) ville	in a (large) town
à la campagne	in the countryside
à la montagne	in the mountains
au bord de la mer	by the seaside
en Angleterre	in England
en Suisse	in Switzerland
au Maroc	in Morocco
aux Antilles	in the French
	Caribbean

C'est comment ?	What's it like?
J'aime mon village	I like my village
Je n'aime pas ma ville	I don't like my town
C'est	It is
Ce n'est pas	It isn't
animé	lively
calme/tranquille	quiet/peaceful
ennuyenx	boring
iloį	pretty
lnu	rubbish
historique	historic
touristique	touristic
moche	ugly

Quel temps fait-il?	What's the weather
	like?
Il fait beau	The weather's good
Il fait mauvais	The weather's bad
Il fait chaud	It's hot
Il fait froid	It's cold
Il y a du soleil	It's sunny
Il y a du vent	It's windy
Il y a du brouillard	It's foggy
Il y a des orages	It's stormy
Il neige	It snows/it's snowing
Il pleut	It rains/it's raining
En été	In summer
En hiver	In winter
En automne	In autumn
Au printemps	In spring

Qu'est-ce qu'on peut What can you do i	What can you do i
faire dans ta région ?	your area?
Dans ma région on	In my area you
peut	can
manger des crêpes	eat crêpes/
Manger du fastfood	eat fast food
visiter les monuments	visit monuments
visiter des grottes	visit some caves
aller au marché	go to the market
aller au cinéma	go to the cinema
aller en ville	go into town
aller à la plage	go to the beach
faire les magasins	go shopping
faire les randonnées	go walking
faire du canoë-kayak	go canoeing
faire du ski	go skiing

like?	Je dois	Tu dois	II/Elle/On doit	Nous devons	Vous devez	Ils/Elles doivent		Qu'est-ce que tu dois fair	מומוסטוו	Me dominimon from doit	Ma sœur/Mon irere doit	laver la voiture	ranger ma chambre	nourrir les animaux	faire la cuisine	faire la vaisselle	garder le bébé	faire la lessive
What's vour area li		In my region	There are some	There's lots of	There's too many	There's plenty of	There's not many of	There isn't any	lakes	tourists	fields	beaches	cars	mountains	puildings	rivers	parks	things for voling people
File est comment, ta What's your area like?	région ?	Dans ma région	il y a des	il y a beaucoup de	il y a trop de	il y a plein de	il y a peu de	il n'y a pas de	lacs	touristes	champs	plages	voitures	montagnes	bâtiments	rivières	jardins publics	distractions pour les

What do you have to

do at home?

My sister/brother

has to...

have to...

take the rubbish out

do the washing

do the vacuuming

passer l'aspirateur promener le chien

shops forests

magasins

forêts

walk the dog

look after the baby

wash the dishes

do the cooking

feed the animals

tidy my room wash the car

The verb POUVOIR is an irregular modal verb. It is usually followed by an infinitive: On peut aller au cinéma – You can go to the cinema Je peux Tu peux You can Il/Elle/On peut Nous pouvors Vous pouvors Vous pouvors Vous pouvors Ils/Elles peuvent The verb DEVOIR (To have to/must) The verb DEVOIR is an irregular modal verb. It is usually followed by an infinitive: Je dois laver la voiture – I have to wash the car Je dois Tu dois Vou have to Il/Elle/On doit Nous devors Vous devez They have to Ils/Elles doivent They have to Ils/Elles doivent	The verb POU	The verb POUVOIR (To be able to)
On peut aller au cinéma – You can go to the cinen Je peux Tu peux Tu peux You can Nous pouvors Vous pouvors Vous pouvors Vous pouvors Vous pouvors Ils/Elles peuvent The verb DEVOIR (To have to/must) The verb DEVOIR is an irregular modal verb. It is usually followed by an infinitive: Je dois laver la voiture – I have to wash the car Je dois Tu dois Tu dois Il/Elle/On doit Nous devons Vou keye to Vous devez You (pl). have to Il/Elles doivent They have to They have to They have to	The verb POUVOIR is a usually followed by an i	in irregular modal verb. It is nfinitive:
EVOIR (To is an infinitive y an infinitive inture - I have	On peut <mark>aller</mark> au ciném	a – You can go to the cinema
EVOIR (To is an irregulary an infinitival	Je peux	l can
EVOIR (To is an irregulary an infinitive of the viture - I have	Tu peux	You can
EVOIR (To is an irregulary an infinitivation of the irregular of the ir	II/Elle/On peut	He/She/We can
EVOIR (To is an irregulary an infinitival	Nous pouvons	We can
EVOIR (To is an irregulary an infinitive y an infinitive oiture - I hav	Vous pouvez	You (pl). can
DEVOIR (To sis an irregula by an infinitivo oiture - I hav	IIs/Elles peuvent	They can
R is an irregula y an infinitiv oiture – I hav	The verb DEVC	IR (To have to/must)
y an infinitiv	The verb DEVOIR is an	irregular modal verb. It is
oiture – I hav	usually followed by an i	nfinitive :
	Je dois laver la voiture	- I have to wash the car
	Je dois	I have to
	Tu dois	You have to
	II/Elle/On doit	He/She/We have to
	Nous devons	We have to
	Vous devez	You (pl). have to
	IIs/Elles doivent	They have to



Natural Sow decrease Very low Germany 53 Low Family planning, Good health, Improving status of women, Later marnages. Good health care. Reliable food supply. USA, Japan France, UK Stable or slow increase Low stabonary 100 Low Improved medical care and diet. Fraver children needed. Increase slows down Improvements in medical care, water supply and sanitation. Fewer children de. Fails more slowly Lafe expanding Brazil Falling World map Natural Egypt, Kenya, India Very rapid increase Early expanding Birth rate Falls rapidly Many children needed for farming. Many Help 2 A few remote groups Disease, famine. Poor Total population Stable or slow increase High stationary Ş 新 9 Ŕ Reasons for Reasons for changes in death rate Birth and death rates (per 1000 people per year) Examples Death rate Birth rate Stage The number of people in a specific area - China has the People move from villages (rural areas) to cities (urban The number of babies born every year per 1000 people Something that makes villages unattractive for people, A bar graph showing the number of people in each age close to 40 million people, London is NOT a megacity. The number of deaths that occur every year per 1000 A population of an area where the % of older people A city with a population over 10 million -Tokyo has How happy people are about their lives, related to Something that attracts people to a city such as Define migration and population density. (Term 1 in Year 7) increases comparing to other age groups. highest population in the world. areas) to live and work there. ear 8 Geography: Population people in a population. people's wellbeing. such as flooding. cinemas or jobs. in a population. 正 日 ました様式 Definition bracket. Prior learning: Rural to Urban Quality of Life Push Factors Pull Factors Death Rate Population Population Population Birth Rate Key Term Migration Megacity Pyramid Ageing

Key tasks:

. Mark the countries from the DTM model (top right corner on this page) onto the outline map.

What is used on a choropleth map to show information? (Term 1 in Year 7)

What is the difference between sparsely and densely populated areas?

(Term 1 in Year 7)

e,

Describe the location of Japan in the world. (Remember to use compass directions and write the continent, nearby ocean and neighbouring countries)

Y8 German - Spring Term 1

Das Frühstück Breakfast der/das Joghurt yoghurt der Käse cheese der Schinken ham der Speck bacon der Toast toast der Kaffee coffee der Tee tea

der Orangensaft orange juice

das Butter butter die Marmelade jam

die Orangenmarmelade marmalade

die Milch milk

die heiße Schokolade hot chocolate

das Brötchen roll
das Obst fruit
das Ei/Eier egg(s)
die Frühstücksflocken cereal

Was isst du zum Frühstück?

What do you eat for breakfast?

Ich esse einen Joghurt I eat a yoghurt ein Brötchen mit Butter und Marmelade

a roll with butter and jam

Ich esse kein Frühstück

I don't eat any breakfast

Die Speisekarte Menu

(der) Fisch mit Reis und Erbsen

fish with rice and peas

(der) Flammkuchen Flammkuchen mit Sauerkraut with pickled cabbage

(die) Bratwurst mit Eiern

fried sausage with eggs

(die) Gemüsesuppe mit Brötchen

vegetable soup with a roll

(das) Hähnchen mit Pommes und Karotten

chicken with chips and carrots

(das) Schnitzel mit Kartoffeln

ekelhaft

pork fillet in breadcrumbs with potatoes

Die Mahlzeiten	Mealtimes
die Vorspeise	the starter
die Hauptspeise	the main
die Nachspeise	dessert

disgusting

Wie ist das?	?	What is	it like?
süß	sweet	lecker	delicious
sauer	sour	köstlich	
salzig	salty	gesund	healthy
scharf	spicy	ungesun	d unhealthy
vegetarisch	vegetarian		

Im Restaurant In the restaurant

Was nimmst du? What are you having? I'll take / I'm having...

den Fisch the fish

die Gemüsesuppe the vegetable soup

das Hähnchen the chicken

Mein Lieblingssandwich

My favourite sandwich

das Ketchup ketchup der Senf mustard der Thunfisch tuna fish die Erdnussbutter peanut butter die Gurke(n) gherkin(s) die Mayo mayonnaise die Olive(n) olive(s) der Käse cheese

Gesund bleiben Staying healthy

man muss... One / you / people must...

acht Stunden schlafen sleep for eight hours wenig Fett und Zucker essen

eat little fat and sugar

viel Obst und Gemüse essen

eat lots of fruit and vegetables

mehr Wasser trinken drink more water früh ins Bett gehen go to bed early

drei Stunden trainieren exercise for three hours

The present tense – Iregular verbs							
essen – to eat e - i							
ich	esse	I eat					
du	isst	you eat (singular)					
er/sie/es	isst	he/she/it eats					
wir	essen	we eat					
ihr	esst	you eat (plural)					
sie	essen	they eat					
Sie	essen	you eat (polite)					
	1						
nehmen -	to take (to ha	ave) e - i					
ich nehme		I take					
du nimms	t	You take (singular)					
er/sie/es n	immt	He/she/it takes					
Wir nehme	en	We take					
ihr nehmt		You take (plural)					
sie nehme	n	They take					
Sie nehme	en	You take (polite)					

Independent Task: Design your own menu for a German Restaurant.

Y8 German - Spring Term 2

In der Jugendherberge

die Hausordnung

Man muss vor 22:00 Uhr ins Bett gehen.

Man muss das Bett machen.

Man muss das Zimmer sauber halten.

Man muss vor acht Uhr aufstehen.

Man muss abwaschen. Man darf nicht rauchen.

Man darf nicht im Zimmer essen.

Man darf keine laute Musik hören.

In the youth hostel

rules of the house

You have to go to bed before ten o'clock.

You have to make the bed.

You have to keep the room clean.

You have to get up before eight o'clock.

You have to wash up.

You must not smoke.

You must not eat in the room.

Der Tagesablauf Daily routine

Ich stehe auf. I get up. Ich wasche I get washed Ich dusche mich. I shower Ich ziehe mich an. I get dressed. Ich frühstücke. I have breakfast. Ich gehe aus. I ao out. lck komme zurück. I come back. Ich esse zu Abend. I have dinner. I ao to bed. Ich gehe ins Bett.

Um wie viel Uhr? At what time?

um ... Uhr at ... o'clock

um fünf / zehn / zwanzig / nach...

at five / ten / twenty past...

um fünfundzwanzig vor... at twenty-five to...
um Viertel nach ... at quarter past
um Viertel vor... at quarter to

um halb acht at half past seven

Wie komme ich zum / zur ...? How do I get to the ...?

Geh / Geht / Gehen Sie ...! Go ...!

(nach) licks (to the) left

(nach) rechts (to the) right

geradeaus straight on

Nimm / Nehmt / Nehmen Sie ...!

Take ...!

die erste Straße links the first street on the left die zweite Straße rechts the second street on the right Geh an der Ampel links! Go left at the traffic lights. Geh an der Kreuzung rechts! Go right at the crossroads.

der Bahnhof station
der Park park
die Bushaltestelle bus stop
die Kirche church

das Schwimmbad swimming pool das Hallenbad indoor swimming pool

das Museum

der Markt

der Lehrer

die Lehrerin

das Souvenirgeschäft

die Imbissstube

das Fiscefé

museum

market (place)

teacher (male)

teacher (female)

souvenir shop

snack bar

das Eiscafé ice cream parlour vor dem / der... in front of the ... Entschuldigung / Bitte, ... Excuse me, ...

Independent Task: Make a comic strip of your daily routine

1.010	Key Words	
T STOLY	Enclosure	Areas of land were div
()))	Revolution	A great change

11:01	Key Words	Definition
A STORY	Enclosure	Areas of land were divided up into fields owned by one person.
()	Revolution	A great change
	Domestic system	Families working at home producing goods together.
Chronology	Selective Breeding	Allowing the best animals to breed, so only the best characteristics of
_		animals are passed on.
start of the Industrial	Mechanised	Machines are used rather than just people.
Revolution	Pauper Apprentice	Children often orphans that were sent to work in factories by local
1769 Spinning frame was		authorities.
invented. They were too	Coal	A hard black rock that burns for much longer than wood.
big to use as home and factories were created.	Canal	Long man made channels filled with water that could be used to transport heavy and fragile goods
1781 James Watt developed a new steam engine that	British Empire	A collection of countries and colonies (areas) that Britain controls around the world
could turn a wheel.	Entrepreneurs	People that could turn new ideas and inventions into money.
1804 Richard Trevithick shows		
his new invention the steam train.	Key People	Role
1830 Liverpool to Manchester railway opened.	James Watt	Developed the steam engine so it could turn wheels, and power machines.
1833 Factory Act- Stopped	Richard Trevithick	Credited with inventing the steam train
children under 9 working in factories.	George Stephenson	Inventor, who developed steam trains including the Rocket.
1833 Brunel opened the Great Western Railway	Ada Lovelace	Programmer of an adding machine. Viewed as the world's first computer
1876 Alexander Graham Bell		programmer.
invented the telephone.	Isambard Kingdom Brunel	Inventor, designed railways, bridges, ships and communication cables from Britain to America.

transport and inventions.

Reasons for the industrial

revolution, factories,

motion into a - which turns planet' gears circular one 4 'Sun-andchange the the wheel. vertical Wheel attached to belts that drive factory machines. which lets piston drup down. 3 Steam removed here, up in cylinder. pushes piston 2 Steam 1 Water Curris to steam,

Questions

- What was the industrial revolution?
- Why did the industrial revolution start in the UK?
- How did the invention of the steam engine change people's lives?

	Key Words	Definition
HSTOLY	Back to back houses	A housing system that was built around a courtyard
	Tymboid	Disease caused by confaminated water Gives head

	Key Words	Definition	Industrial re
	Back to back houses	A housing system that was built around a courtyard where houses were built back to back.	Living and w
7	Typhoid	Disease caused by contaminated water. Gives headaches, fever and diarrhoea.	dicosco crin
	Tuberculosis	Disease of the lungs, causes shortness of breath and chest pains	ulsease, ci ii
	Cholera	Caused by contaminated water. Gives diarrhoea, makes people turn black and blue.	Key People
Chronology	Classes	Divisions in society based on income housing family tradition and social life	
	20000	בנוססום זו סססטן במסכם כון ווססווס, ווססווס, ומחווון מסמטו מום ססטטו ווס.	Edwin Chadwick
The Bow Street	The watch	People in bigger towns that were paid to patrol the streets at night.	
Kunners set up	Magistrates	Volunteers that could question suspects in court and punish people for minor crimes. They	
Prison Reform Act.		would send more serious crimes to professional courts.	
Jailers were paid by the	Constables	Unpaid volunteers who would organise the watch and help magistrates by catching criminals.	
prisoners. Male and	Capital offence	Crime that you could be executed for committing. Often by public hanging.	John Snow
female prisoners were	Transportation	Being sent overseas often to the USA or Australia after being convicted of committing a crime.	
kept separately.	The Metropolitan Police	The Metropolitan Police Police force set up in London	Florence
The Metropolitan Police			Nightingala

1749

1823

Books

- Hard Times by Charles Dickens
 - Street Child by Berlie Doherty
- New Cut Gang by Phillip The Adventures of the

people) 000,00 (About

The upper class

spend public money on

allowed councils to

cleaning up towns and

Upper middle

class

Cholera was caused by

John Snow finds that

1854

contaminated drinking

water.

Lower middle

class

Jack the Ripper kills at

1888

Working

Whitechapel London.

least 5 women in

class

The very rich

Serial killer in Whitechapel who was

Jack the Ripper

never convicted.

better conditions in prisons

towns and cities, thought diseases were Prison reformer. She taught women and soldiers and then revolutionised nursing Wrote a report about poor conditions in Crimean War, improved conditions for caused by bad air and deaths happen children in prison and campaigned for Set up the Metropolitan Police Force Made the link between contaminated ne and punishment Led a team of nurses during the working conditions where there is polluted water. Sole water and Cholera. evolution in Britain. Elizabeth Fry Robert Peel Nightingale

Questions

2 million people)

(About

- · What effect did the changes in living conditions have on people's health during the industrial revolution?
 - Why did Britain need a police force during the industrial revolution?

people) I5 millio (About

What can we learn from how disease was dealt with during the industrial revolution?

First major Cholera

33

Force set up.

1829

outbreak in Britain.

▼ A The 'social

pyramid'.

conditions in towns and

The public Health Act

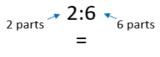
1848

Chadwick's report into

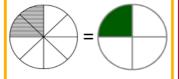
1842

Year 8 Knowledge Organiser **RATIO**

Key Concept



1:3



Key Words

Ratio: Relationship between two numbers.

Part: This is the numeric value '1' of, would be equivalent

Simplify: Divide both parts of a ratio by the same number.

Equivalent: Equal in

Convert: Change from one form to another.

Examples

Simplify 60:40:100 Write 2: 5 in the form 1: n

÷10

This could have 6:4:10 been done in one step by ÷ 2

dividing by 20. 3:2:5

Share £45 in 2:7 the ratio 2:7

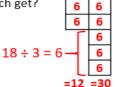
 $45 \div 9 = 5$

£10:£35

1:2.5 Joy and Martin share money in the ratio 2:5. Martin gets

£18 more than Joy. How much do they each get?

£12:£30



2:5

Sparx Maths

Clip Numbers M885, M543, M525, M801

Tip

It's often useful to write the letters above the ratio. This helps you keep the order the correct way round.

Questions

- Simplify a) 45:63 b) 66:44 c) 320:440
- Write in the form 1:n a) 5:10 b) 4: 6 c) $x: x^2 + x$
- Share 64 in the ratio 3:5 4) Write the ratio 1:4 as a fraction.

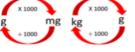
ANSWERS: 1) a) 5:7 b) 3:2 c) 8:11 3) 24:40 4) $^{1}/_{5}$

2) a) 1:2 b) 1:1.5 c) 1:x + 1

Year 8 Knowledge Organiser **UNIT CONVERSION**

Length: Key Concepts









Speed = Distance ÷ Time

Distance = Speed x Time

Time = Distance ÷ Speed



Key Words

Metric - mm, cm, m, km etc.

Imperial -

pounds, stone, pints etc.

Length

Weight / Mass

Capacity

Examples

Convert 30cm to mm 30 x 10 = 300mm

Convert 400mm to cm $400 \div 10 = 40$ cm

Convert 10 miles to km

 x^2 $\left(\begin{array}{c} 5 \text{ miles} = 8 \text{km} \\ 10 \text{ miles} = 16 \text{ km} \end{array}\right) \times 2$

Speed = 4 mph

Time = 2 hours

Find the Distance.

 $D = S \times T$ $= 4 \times 2$

= 8 miles

Sparx Maths

Clip Numbers M515, M530, M761, M774

Questions

- Convert a) 50cm to mm b) 3kg to g c) 3000 m to km
- Convert a) 5 gallons to litres b) 8.8 pounds to kg
- The distance travelled on a journey is 60 miles and it took 2 hours. How fast were they travelling?

ANSWERS: 1) a) 500mm b) 3000g c) 3km 2) a) 22.5litres b) 4kg 3) 30mph

Year 8

FOUR OPERATIONS WITH FRACTIONS

Key Concept

Mixed numbers

These are made up of a whole number and a fraction.

$$4\frac{3}{5}$$

$$=\frac{20}{5}+\frac{3}{5}$$

$$=\frac{23}{5}$$

An improper fraction

is when the numerator is larger than the denominator.

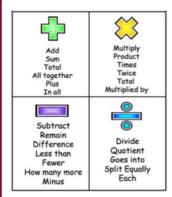
Sparx Maths

Clip Numbers

M157, M197, M110,

M265

Key Words



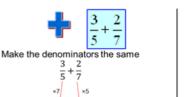
A reciprocal is the value that when multiplied by another gives the answer of 1.

Eg. $\frac{1}{8}$ is the reciprocal of 8. $\frac{2}{5}$ is the reciprocal of $\frac{5}{5}$

Tip

- To find equivalent fractions numerator and denominator by the same number.

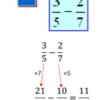
Examples





Just multiply the tops and bottoms

$$=\frac{3\times2}{5\times7}=\frac{6}{3!}$$





$$=\frac{3\times2}{5\times7}=\frac{6}{35}$$

$$\frac{3}{5} \times \frac{7}{2} = \frac{21}{10}$$

multiply/divide the

4 Rules

Fractions

1)
$$\frac{2}{7} + \frac{5}{8}$$
 2) $\frac{7}{9} - \frac{2}{5}$ 3) $\frac{3}{7} \times \frac{4}{9}$ 4) $\frac{3}{11} \div \frac{14}{22}$

4)
$$\frac{3}{11} \div \frac{14}{22}$$

What is the reciprocal of:

5)
$$\frac{2}{3}$$

K

F

ANSWERS: 1) $\frac{51}{56}$ 2) $\frac{17}{45}$ 3) $\frac{4}{21}$ 4) $\frac{3}{7}$ 5) $\frac{3}{2}$ 6) $\frac{1}{9}$ 7) $\frac{4}{3}$

Year 8

4 OPERATIONS WITH MIXED NUMBERS

Key Concepts

An improper fraction is when the numerator is larger than the denominator e.g. $\frac{20}{12}$

Converting from a mixed number

$$2\frac{3}{5} = \frac{10}{5} + \frac{3}{5} = \frac{13}{5}$$

An integer is a whole number.

$$3 \times \frac{2}{7} = \frac{2}{7} + \frac{2}{7} + \frac{2}{7} = \frac{6}{7}$$

$$3 \times \frac{2}{7} = \frac{3 \times 2}{7} = \frac{6}{7}$$

$$\frac{3}{5} \div 6 = \frac{3}{5} \times \frac{1}{6} = \frac{3}{30} = \frac{1}{10}$$

$1\frac{2}{3} + 2\frac{1}{4}$

$$2\frac{2}{3}-1\frac{1}{4}$$

$$2\frac{2}{3} - 1\frac{1}{4}$$
 $1\frac{1}{3} \times 2\frac{3}{4}$ $2\frac{1}{3} \div 1\frac{3}{5}$

$$2\frac{1}{3} \div 1$$

$$= \frac{5}{3} + \frac{9}{4}$$
 improper fraction
$$= \frac{8}{3} - \frac{5}{4}$$

$$= \frac{20}{12} + \frac{27}{12}$$
 Find a common denominator
$$= \frac{32}{12} - \frac{15}{12}$$

$$= \frac{44}{12}$$

 $=\frac{7}{3} \div \frac{8}{5}$ Find the reciprocal of the second fraction.

$$=\frac{7}{3}\times\frac{5}{8}$$

...and multiply

$=1\frac{11}{24}$

Examples

Sparx Maths

Clip Numbers M157, M197, M110, M265

$$=3\frac{11}{12}$$

Key Words

Fraction Equivalent Reciprocal

Numerator Denominator

Improper/Top heavy

Mixed number

 $=\frac{47}{12}$

Convert back into a mixed number = $1\frac{5}{12}$

 $= \frac{5}{3} + \frac{9}{4} \quad \stackrel{\text{Convert into an improper fraction}}{= \frac{8}{3} - \frac{5}{4}}$

$$=1\frac{5}{12}$$

Calculate:

1) $1\frac{2}{3} + 2\frac{3}{4}$ 3) $3\frac{1}{5} \times 1\frac{2}{3}$ 5) $\frac{2}{5} \times 7$

3)
$$3\frac{1}{2} \times 1\frac{2}{3}$$

5)
$$\frac{2}{5} \times 7$$

2)
$$3\frac{3}{4} - 1\frac{1}{3}$$
 4) $1\frac{3}{5} \div 2\frac{7}{10}$ 6) $\frac{3}{5} \div 9$

4)
$$1\frac{3}{5} \div 2\frac{7}{10}$$

6)
$$\frac{3}{5} \div 9$$

ANSWERS A 1)
$$4\frac{5}{12}$$
 2) $2\frac{5}{12}$ 3) $5\frac{1}{3}$ 4) $\frac{16}{27}$ 5) $\frac{14}{5}$ = $2\frac{4}{5}$ 6) $\frac{3}{45}$ = $\frac{1}{15}$

YEAR 8— UNIT 2 THE BLUES

A Brief History

Music can be traced back to the late nineteenth century in the Southern states of the USA such as Georgia and Texas. Unfortunately the slave trade was present in the USA still and these slaves sang to keep their spirits up. These songs had lyrics about the struggles they were having and how they had The Blues is considered to be the 'grandfather' of all modern pop music as nearly all genres can be traced directly back in some way. The roots of Blues

However it was in Chicago where the style really took hold, where a new wave of "Blues men" took the style to another level changing the tempo with a new 'upbeat' version with a larger, more jazz-style, band. This can be heard here with two different versions of the same song "Dust My Broom"; one by The first blues recordings were actually made in the 1920s by Black women such as Mamie Smith, Ma Rainey, Ida Cox and Bessie Smith. Primarily these were not 'Blues singers' but they adopted the style backed by jazz bands. The Great Depression and both World Wars caused the Blues to spread as millions of Black Americans left the cities around the Mississippi to the South for places in the North such as Detroit, Chicago, Atlanta and Memphis. Robert Johnson in 1922 and the 'Chicago Version' recorded by Howlin' Wolf in 1966.

Prominent Blues Musical Features

- •**The accompaniment –** Primarily traditional Blues music is a singer with a guitar, although later jazz bands were used to accompany.
- The voice, often 'husky' with some use of 'Scat' singing and improvisation.
- •The lyrics As the title suggests "The Blues" has lyrics that tend to tell the story of hardship in some fashion, or lost love.
 - •The background harmony used—what is known as the "12-bar Blues" chord progression with a walking bass,

Rhythm in Music

Rhythm in Music



YEAR 8— UNIT 2 THE BLUES

Prominent Blues Artists



1893-1929



Robert Johnson 1911-1938



Bessie Smith 1894 1937



1910-1976



John Lee Hooke

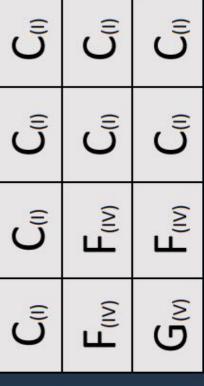
1917-2001

Walking Bass

The 12-bar Blues

chord pattern consisting of a repeating The Blues have a very distinctive 12-bar chord sequence.

), IV and V and lasts 12 musical bars, This sequence only uses the chords hence the term "The 12-Bar Blues"







WIDER LISTENING

Here are some links to pieces that will extend your knowledge of Blues Artists. Please listen to these at home, perhaps with your parents and family.

- ROBERT JOHNSON: "Walkin' Blues https://youtu.be/6e1uDsid39Y?si=vjwRmtQc-ztltTND
 - BESSIE SMITH: "St. Louis Blues" https://youtu.be/5Bo3f_9hLkQ?si=6RtOnf7QV3C1y0pL
- BB KING "Nobody Loves Me But My Mother" https://youtu.be/xRoh6fkbESO?si-dhekatPjrK6HQx8q
- MARCUS KING BAND: "Goodbye Carolina" (Blues Fusion) https://youtu.be/jGtLroJUh8o?si=mXXSay2!9R51gX10



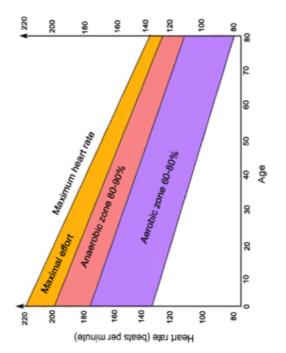




8.3 KS3 Core PE Knowledge Organiser: Exercise Intensity

Training Zones

	Key Terms
Key Term	Definition
Heart Rate (HR)	The number of heart beats per minute, measured in beats per minute.
Resting Heart Rate (RHR)	The number of heart beats per minute (at rest), measured in beats per minute.
Maximum Heart Rate (MHR)	The maximum number of beats your heart can beat per minute. This is measured in beats per minute. This is calculated as 220 - age.
Recovery Heart Rate	The fitter you are, the faster the recovery of your heart rate. Your heart rate drops most sharply in the first minute after you stop exercising; it should then fall about 20 beats a minute—a drop of less than 12 beats a minute is considered abnormal.



	Training Thresholds
Key Term	Definition
Aerobic Training	60-80% of your maximum heart rate.
Anaerobic Training	80-90% of your maximum heart rate.
Muscular Endurance	Low Weight Vs High Repetitions & Sets
Muscular Strength	High Weight Vs Low Repetitions & Sets

Worked example: Calculate the aerobic target zone for a 20 year old athlete.

Fist you need to calculate the athletes maximum heart rate which would be 220-20 (his age) = 200bpm (1). The aerobic target zone is 60-80% of the MHR (1). 60% of 200 is 120, 80% is 160. (1). So the athletes aerobic target zone would be between 120 and 160bpm. If they were in this range they would be working aerobically (1) working on their endurance (1).

computation in

relation to

Calculate -

Requires

fitness data

Your Turn: Try these questions

 Define the term heart rate. 2) How would you develop muscular strength?
 How would you determine that an athlete had stopped exercising? What is this called?

Key Vocabulary

Aerobic, anaerobic, heart rate, resting, recovery, weight, repetitions, maximum, maximal, component, stimulus, voluntary, joints, static

Misconceptions

- Heart rate zones need to be calculated using maximum HR (220-age)
- Aerobic involves using oxygen and is used for longer duration events working on endurance.
- Anaerobic is without oxygen and is used for shorter duration higher intensity using strength and power.
- · Co-ordination can be more than just hand-eye, can be foot-eye or moving arm and legs at the same time
 - Speed can also refer to moving a body part e.g. moving the arm to play a shot in table tennis.

State - Generally involves the recall of a fact

8.4 KS3 Core PE Knowledge Organiser: Components of Fitness

	Components of Fitness	Worked Examples – For each component state an athlete that would use it
Component	Definition	and explain why.
Body Composition	A measure of the percentage of fat, muscle, bone, water and vital organs that make up your body weight.	Athletes require a suitable body composition for their sport. E.g.; a rugby player requires a larger proportion of muscle than a dancer as they need strength to make tackles .
Coordination	The ability to move two or more body parts together, accurately and smoothly.	Tennis players require excellent levels of coordination to be able make contact with the ball and racket at the same time to perform accurate shots.
Power	The ability to combine strength with speed to perform a strong muscular contraction very quickly.	Long jumpers require great amounts of power to be able to push off the ground to propel themselves into the air in order to travel a long distance in their jump.
Reaction Time	The amount of time it takes you to respond to a stimulus.	Sprinters requires a quick reaction time to be able to get out of their starting blocks as quickly as possible at the beginning of a race to give them a better chance of winning.
Speed	The rate at which your body, or part of your body, is able to perform a movement.	Rugby players, particularly wingers, require high levels of speed to be able to travel down the wing at a fast pace to be able to score a try.
Balance	Your ability to keep your body steady, both when in a static position and when moving.	Dancers require large amounts of balance to ensure that they maintain control when in a static position, such as standing on one leg. This will give them a better aesthetic score.
Agility	A measure of how quickly you can change the position of your body, while keeping your entire body under control.	Footballers require high levels of agility to be able to change direction at speed when running with the ball to get around their opponents to attack with a bigger threat.
Flexibility	The ability of your joints to move through their full range of movement.	Gymnasts require large amounts of flexibility to be able to move their joints through their full range of motion when performing moves and routines to a higher standard.
Muscular Endurance	A measure of the length of time your voluntary muscles can contract without getting tired. This can be repeated muscle contractions, or one contraction held for a long period of time.	Boxers require good muscular endurance to be able to repeatedly contract their muscles when throwing punches many times without getting tired to try enforce a knockout
Strength	The amount of force a muscle can generate when it contracts to overcome resistance.	Powerlifters require excellent muscular strength to be able to generate large amounts of force when lifting heavy weights.
Cardiovascular Fitness	A measure of how efficiently your body can deliver oxygen and nutrients, such as glucose, to your working muscles during exercise, and also carry away waste products.	Marathon runners require excellent cardiovascular fitness to be able to use the whole body to run for the entire duration of the race without getting tired.

Your Turn: Try these questions

1) Define the term flexibility. 2) State 2 sports that would require power. 3) Explain the importance of agility and speed for a 100m sprinter.

Explain - Requires a justification/exemplification of a point. The answer must contain some linked reasoning

Religious Studies: War and Peace

Key Word	Definition
War	Fighting between groups to resolve issues.
Civil War	War within a country.
Peace	An absence of conflict.
Pacifism	Refusing to take part in war/violence.
Just War	A war that is seen as justified, necessary and fair.
Holy War	Fighting for a religious cause.
Jihad	Striving against evil for the sake of Allah.
Greater Jihad	A personal, internal struggle against the devil.
Lesser Jihad	An outward struggle to defend Islam/Muslims.
Thomas Aquinas	Christian thinker, drew up Just War principles.
Terrorism	Unlawful use of violence to achieve a political goal.
Ahimsa	Non-violence/respect for life.

Key Quotes

In the Bible Jesus said 'Put away your sword' when he was arrested and one of his disciples tried to defend him. Jesus also said 'Blessed are the Peacemakers, they are children of God' but when he visited the Temple in Jerusalem he was angry at the money changers reacting with some violence.

In the Qur'an it says "Fight in the way of Allah against those who fight against you, but begin not hostilities. Lo! Allah loveth not aggressors."

Gandhi is said to have stated 'An eye for an eye makes the whole world blind.'

Key Questions

When do you think it is right to fight? In defence? To gain more power/land? To make people listen to you? Is it ever right to kill?

Practice Task

'Religious people should just pray for change – they shouldn't be involved in actions.' Write a speech arguing for or against this statement.

Religious Studies: War and Peace

What are the causes of conflict?

Humans can always find something to argue over, arguments can develop into violence and, when you have different countries involved, into armed conflicts and war. Jealousy, fear, greed, a struggle for land are all causes of conflict – religion can be a cause but it is not the cause of all wars.

Just War and Christianity

In the early years of Christianity most Christians were probably pacifists, but as time passed and rulers became Christians there were times when fighting was seen as necessary, the lesser of two evils. Thomas Aquinas drew up a series of conditions for Just War, for example war should only be fought to promote the good and avoid evil and the methods used must be proportional to success. Many Christians still consider World War 2 to be an example of a Just War.

The Islami

The Islamic Concept of Jihad

This is much misunderstood! Muslims talk about Greater Jihad and Lesser Jihad. The more important Greater Jihad does not involve weapons, it is a conflict every Muslim is involved in as they fight the devil within. If they are tempted to eat during Ramadan—fighting that temptation is Jihad. Lesser Jihad may involve weapons in a fight to defend Islam/Muslims but there are strict conditions which need to be met, for example it must be a last resort. Despite the claims of some, a terrorist attack does not meet the conditions

Pacifism

without resorting to violence. He campaigned against racism in South Africa and helped achieve Indian independence using non-violent twentieth century Mohandas Gandhi, a Hindu, was one of the best known pacifists who showed that it is possible to change the world Some say violence is always wrong, no matter what the circumstances. Many Christians suggest Jesus was probably a pacifist. In the protests methods and following the principle of ahimsa. Martin Luther King followed his example.

Terrorism

The twenty-first century has made us all aware of the evils of terrorism. September $11^{ ext{th}}$ 2001 was when planes were flown into the World Trade Centre causing the Twin Towers to collapse. In Europe London was targeted in 2007, and again in 2017. Paris suffered in 2015 and Brussels in 2016. Innocent people lost lives, and those of all faiths and of none have spoken out against terrorism.

Sikhism

Sikhism is a religion that stresses the idea of equality, they believe that God the creator has made one humanity, no one is born better than anyone else and all religious traditions are valid. Sikhs have sometimes suffered violence from others, they value pacifism but most see war as sometimes justified.



Year 8 Organ Systems Knowledge Organiser

Task: Explain what happens to the body during exercise.

The Lungs

Windpipe (trachea)

DOUBLE CIRCULATORY SYSTEM.

Blood passes through the heart twice.

The right side pumps _R deoxygenated blood to

bronchus

bronchus

Right

Alveoli

Ribs

Bronchioles

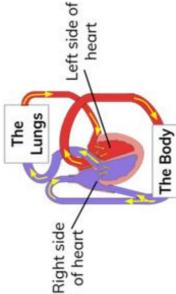
Inner pleura

- Diaphragm

Outer pleura

teoxygenated blood to the lungs. The left side pumps oxygenated blood to

the body



Gaseous exchange.

This is the movement of oxygen from the alveoli into the blood and carbon dioxide out of the blood and into the alveoli.

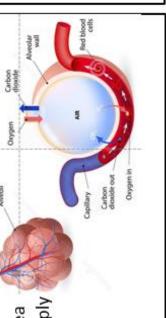
The circulatory system includes the heart, blood vessels and blood. The heart has a left & right atrium and a left &

CIRCULATORY SYSTEM

Alveoli:

- Give a large surface area
- Have a good blood supply
- Have very thin walls

This helps the gases move quickly by diffusion.



Exchanges oxygen and waste with the blood.

Thin walls due to less blood pressure.

Carries blood away from the heart.

Capillaries

Veins

Arteries

right ventricle

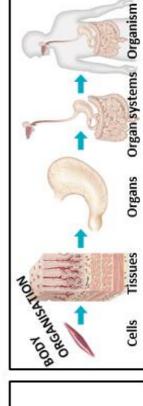
The smallest blood vessels.

Carries blood back to the heart.

Tough, flexible and thick walls Medium-sized blood vessels.

The largest blood vessels.

Walls are only one-cell thick.



Respiration happens in every cell in the body.

Aerobic respiration:

Oxygen + Glucose → Carbon dioxide + Water (energy released)
Anaerobic respiration happens when oxygen isn't available;
Glucose → Lactic acid (energy released)

Digestion is the process by which food is broken down to be absorbed into the bloodstream and distributed around the body.

Mouth - physical breakdown of food (mechanical digestion)

Oesophagus - takes food to the stomach

Microorganism

Diffusion

Model

Glucose Aerobic

Rectum anus

Bacteria

Absorbed

Stomach

Digestion

Tier 2

Saliva

Stomach - digestion of protein (chemical digestion) The stomach also contains acid to help kill bacteria.

Liver - produces bile

Small intestine - digestion of carbohydrates, fats and Pancreas - produces enzymes and insulin

absorption of nutrients via villi proteins (chemical digestion)

Villi are finger-like projections with a Large intestine - absorption of water

large surface area to aid absorption

of nutrients into the blood

CIV: J: A ۱ CI(Y: 1: K. Y

Small intestine

Small intestines

Ingestion

Liver

Oesophagus

Faeces

Large intestine

Egestion

Catalyst Enzyme

Plasma

Salivary glands

Tier 3

Enzymes

Benedicts Solution Colour change Sugar

Glucose; Benedicts, blue to orange

Protein; Biurets, blue to purple

Starch; iodine solution turns black

Food tests

lodine Solution Turns Blue/Black

Starch

An enzyme breaks down large food molecules into smaller Lipases break down lipids and fats. Proteases break down proteins.

Large intestine Stomach Oesophagus 4 Mouth

Pancreas

Liver

Combustion Respiration

Red Blood Cells

Ventilation

Breathing

Blood Vessels

molecules

Carbohydrases break down

carbohydrates.

Carbohydrates

Lactic acid

Anaerobic Capillaries



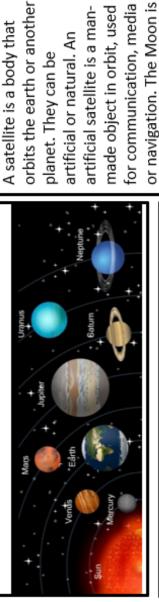
Task: Write a method for one

of the food tests.

Fats; ethanol, clear to cloudy

45

Solar System



Seasons

tilted towards the Hemisphere. In Hemisphere is We live in the summer the Northern Northern

sun. In winter it is

tilted away from the sun. As shown in the diagram.

of the Solar The star at the centre

The Sun

blocks sunlight. The part of

the Earth in the umbra

shadow cast by the Moon

which fully or partially

System.

a result there are times that the UK is

facing away from the sun (night) and

complete one rotation on its axis. As

It takes 24 hours for the Earth to

there are times when the UK is facing

towards the sun (day)

and those in the penumbra

see a partial eclipse.

experiences a total eclipse

Heliocentric Model

Model of the universe with the and later by Copernicus in the Samos in the 2nd century BC proposed by Aristarchus of Sun at the centre. First 16th century.

Day



Year 8 Topic 2 Physics Knowledge Organiser

Phases of the moon

Tier 2 Vocabulary

days to orbit the Earth. The moon is a natural The moon takes 28 satellite.



Seasons

Mass

Moon

Earth

Planet

a natural satellite.

Solar eclipse

Orbit Star

Weight

Ellipse

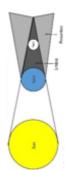
Lunar eclipse

when a portion of the A solar eclipse occurs

Earth is engulfed in a

Luminous Universe

> when the Moon passes A lunar eclipse occurs directly behind Earth and into its shadow.



Tier 3 Vocabulary

Solar system

Lunar Eclipse Solar Eclipse Asteroid Satellite

Meteor Comet

Constellation Asterism Gravity

Exoplanet Galaxy

46

Life cycle of a Star

GIANT STAR SUPERNOVA RED SUPER STELLAR NEBULA MAIN SEQUENCE STAR STARS MUCH BIGGER THAN THE SUN PROTOSTAR THE SAME SIZE STARS ABOUT AS THE SUN Task: Our sun is a Research one of our sun's satellites. star. PLANETARY RED GIANT DWARF WHITE BLACK NEBULA STAR

Mass vs Weight

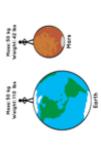
Mass - The amount of stuff you are made out of (Kg).

Weight - The force of gravity acting on that mass (weight = mass x gravity).

than our Sun are orbit stars other

Planets that

Exoplanets



presently 5,246

exoplanets.

called

There are

3,875 planetary

systems.

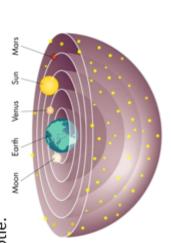
exoplanets in

confirmed

The man has the same mass because he is made of the same stuff. He has a different weight because gravity is much lower on the moon.

Geocentric Model

moving around it. This model was proposed Model of the universe with the Earth at the from around the 4th century BC by Ancient Greek philosophers including Plato and centre and the planets, Sun and stars Aristotle.



night sky.

Galaxy

A collection of dust, gas and stars. Galaxies can contain hundreds of billions of stars. Our Sun is in the Milky Way galaxy. The nearest galaxy to ours is Andromeda.

HOLE

NEUTRON STAR

DWARF

Constellations

designated area of the night sky. An asterism is a A constellation and Asterisms constellations. group of stars pattern in the is an officially recognisable There are 88 that forms a



Y8 Spring term Knowledge Organiser Spanish

Unit 3: La comida - Food

		•)			
Key sp	Key spellings	¿Qué	What do you have for		En el mercado - Role play	At the market –
Learn these spellings, they will be really	s, they will be really	desayunas/comes/cenas?	breakfast/lunch/dinner?			Role play
useful for this unit and you will be tested	d you will be tested	Desayuno	For breakfast I have	¿Qué quiere?	35	It was
on them.		Como/Almuerzo	For lunch I have	Oniero comprar	nrar	I want to buy
1. desayuno	for breakfast I	Ceno	For dinner I have	cien gramos de tomates	de tomotes	100g tomatoes
•	eat	cereales	cereal	doscrientos o	doccientos de comacos	200g collaces
2. ceno	tor dinner I eat	tostadas	toast	S collipson	laillos de avas	Soog glapes
voy a tomar	I'm going to have	café	coffee	Trescientos c	rrescientos gramos de pan	300g bread
4. voy a beber	I'm going to drink	yogur	yoghurt	medio kilo de pimientos	e pimientos	0.5kg red peppers
voy a comprar	I'm going to buy	té	tea	rojos		
		zumo (de naranja)	(orange) juice	un kilo de cebollas	pollas	1kg onions
Key vocabulary and questions	and questions	un bocadillo	a sandwich	dos kilos de manzanas	manzanas	2kg apples
		pollo con ensalada	chicken with salad	una botella de limonada	le limonada	a bottle of lemonade
¿Qué te gusta	What do you like	sopa	dnos	un paquete de tortillas	de tortillas	a packet of tortilla
comer y beber?	to eat and drink?	patatas fritas	chips	 		wraps
Me gusta/No me	l like/don't like	helado de fresa	strawberry ice cream	una lechuga		a lettuce
gusta		Can vou describe these Spanish foods and name	panish foods and name	.Cuánto es?		How much is it?
el agua	water	some others? churros. paella. tortilla española.	ella, tortilla española.	Son diez eur	Son diez euros con veinte	It's 10€20
el arroz	rice	Cola Cao.		Can you rer	nember all your	Can you remember all your numbers, including
02000	moont	400000	to the section of the	how to form	numbers past	how to form numbers past 100? Practise them at
la callie	lleat	_	At the restaurant -	home.		
la fruta	fruit		Kole play		F	ft
la leche	milk	¿Qué va a tomar W	What are you going to	Key gr	Key grammar – The near tuture	Rey grammar = I ne near tuture
el marisco	seafood	de primer plato		m doing to eat, he	is aging to buy.	am doing to eat, he is going to buy, we are going to dance)
el nescado	fish		T		(fac or 6, mos or	(2000) 20 6000
o bescare	11011	de segundo plato fo	for a main course	his tense is forme	d by 3 parts, make	This tense is formed by 3 parts make sure you have all of
el dneso	cheese	de postre	for dessert	them to use it correctly	ctly.	sale year mayo all of
Me gustan/No me	l like/don't like					
gustan	(plural)		I m going to nave	-	The present tense of IR (the verb to go)	verb to go)
las verduras	vegetables	¿y para beber? an	and to drink?	2. 'a'		(26)
los caramelos	sweets	Voy a beber	I'm going to drink		-	ar/er-ir)
las hamburguesas	hamburgers	¿Algo más? Ar	Anything else?	1. The 2. 'a'	a' 3. An	
los huevos	eggs	No, nada más No	No, nothing else	tense of IR	verb	
porque es/son	because it is/they	favor		Voy	comer	I am going to eat
(0)0)000101101	are			Vas	bailar	You are going to dance
delicioso/a(s)	delicions	010		Va	llevar	(S)he is going to wear
asqueroso/a(s)	disgusting	Tengo sed I'n	I'm thirsty	Vamos	cantar	We are going to sing
Can you use a dictionary to look up more of your favourite foods?	onary to look up rite foods?	Look back at the example mer	nu we saw in	Vais	comprar	You (pl.) are going to buy
				Van	beber	They are going to drink

e Organise	Excuses	1 1 1 1 1 1 1
Y8 Spring term Knowledge Organise	Excusas	
Spring te		
Y8	Key spellings	
Spanish	Key	
\mathbf{z}		

Y8 Spring term Knowled	Excusas	Tengo due	lavarme el pelo	cuidar a mi	hermano	hacer los deberes	ordenar mi	dormitorio	
Y8 Spring te	Key spellings	Learn these spellings, they will be really useful	ill be tested on them.	l wear	Would you like to?	I would like to	I can't	I have to	
panish	Keys	Learn these spellings	for this unit and you will be tested on them.	1. llevo	2. ¿Te gustaría?	Me gustaría	4. no puedo	5. tengo que	

salir con mis padres

No quiero

pasear al perro

Key vocabulary and questions

¿Quieres salir? ¿Te gustaría ir?	Do you want to go out? Would you like to
al cine	to the cinema
al polideportivo	to the sports centre
al parque	to the park
al museo	to the museum
al centro comercial	to the shopping centre
a la bolera	to the bowling alley
a la playa	to the beach
a la pista de hielo	to the ice rink
a la cafetería	to the café
a mi casa	to my house
How do you know v	How do you know whether to use al or a la
with the places above?	ve?

Cómo	How will you answer?
responderás?	
De acuerdo/Vale	All right/Okay
Muy bien	Very good
Genial!	Great
Sí, me gustaría	Yes, I would really like
mucho	to
Ni hablar!	No way!
¡Ni en sueños!	In your dreams!
No tengo ganas	I don't want to
Qué aburrido	How boring
Lo siento, no puedo	Sorry, I can't
Don't forget to use on	Don't forget to use one of the excuses if you

say you can't go.

Unit 4: Las salidas - Outings aniser

	Excuses	¿Donde duedamos?	Where shall we meet?
=	I have to	delante de la cafetería	in front of the café
×	wash my hair	al lado del museo	next to the museum
ŏ	look after my brother	enfrente de la bolera	in front of the bowling alley
		detrás del polideportivo	behind the sports centre
ğ	do homework	en tu casa	at your house
tio	tidy my room	Can you spot the rule for using del or de la here?	sing del or de la here?
1		:	
Ň	walk the dog	¿Que vas a llevar?	What are you going to
g	go out with my parents		wear?
_	I don't want to	Normalmente Ilevo	Normally I wear
_	I don't have time	Voy a llevar	I'm going to wear
Ξ	I haven't any money	una camisa blanca	a white shirt
		una camiseta naranja	an orange T-shirt
	At what time?	un jersey amarillo	a yellow jumper
	At 6:00	una sudadera verde	a green hoodie
	At 8:10	una falda rosa	a pink skirt
	At 5:15	un vestido morado	a purple dress
	At 3:30	una gorra gris	a grey cap
	At 8:45	unos pantalones negros	some black trousers
		unas botas marrones	some brown boots
inte	e At 10:40	unos vaqueros azules	some blue jeans
	At midday	unos zapatos de muchos	some multicoloured shoes
	At 1:00	colores	
say	say on what day. Can	unas zapatillas de deporte	some trainers
Je c	ne days of the week?	Remember that the adjective comes after the noun in	e comes after the noun in
$ \cdot $		Spanish and needs to have the correct ending	the correct ending
	How do you get	(masc/fem/plural)	
	ready2		

> No tengo tiempo No tengo dinero

¿A que nora?	At what time?
A las seis	At 6:00
A las ocho y diez	At 8:10
A las cinco y cuarto	At 5:15
A las tres y media	At 3:30
A las nueve menos	At 8:45
cuarto	
A las once menos veinte	At 10:40
A mediodía	At midday
A la una	At 1:00
You'll also need to say on what day. Can	n what day. Can
you remember all the days of the week?	s of the week?

¿Cómo te	How do you get
preparas?	ready?
Me baño	I bathe
Me ducho	Ishower
Me lavo la cara	I wash my face
Me lavo los dientes	I brush my teeth
Me visto	I get dressed
Me maquillo	I put my makeup on
Me peino	I brush my hair
Me aliso el pelo	I straighten my hair
Me pongo gomina	I put gel in my hair
Use sequencers to talk about your	ilk about your
routine: primero, luego, después,	go, después,
finalmente	

	ney gra	ney grammar – Renexive verds
_	Reflexive verbs are	Reflexive verbs are often used to describe an action you do
_	to yourself. They w	to yourself. They work in the same way as other verbs, but
_	have and extra refle	have and extra reflexive pronoun that must be added.
_	Don't forget to chan	Don't forget to change the ending of the verb accordingly.
_	Lavarse	To wash oneself
	Me lavo	I wash myself
	Te lavas	You wash yourself
	Se lava	S(he) washes her/himself
	Nos lavamos	We wash ourselves
	Os laváis	You (pl) wash yourselves
\neg	Se lavan	They wash themselves

Year 8 - Knowledge Organiser - Design & Technology - MATERIALS

	Me	Metals		
Type	Example of	Advantages	Disadvantages	
Steel	Ferrous (Contains Iron)	Relatively cheap Widely available Strong/Tough	Rusts Requires a surface finish	E -
Aluminium	Non-Ferrous (Does not contain iron)	Does not rust Lightweight Easy to cut and shape	Relatively expensive	0
Copper	Non-Ferrous (Does not contain iron)	Good conductor of heat and electricity	Corrodes Relatively expensive	l a
Pewter	Alloy (Mix of multiple metals)	Does not rust Low melting point for easy casting Polishes to a high shine	Relatively expensive Heavier than alternatives	ā 🗎

		Timber	
Туре	Example of	Advantages	Disadvantages
Pine	Soffwood	Cheaper More sustainable as faster growing Widely Available	Knotty Can be weaker than hardwoods Less durable
Oak	Hardwood	Good aesthetic Extremely durable	Generally harder to out and shape
Beech	Hardwood	Easy to maintain High strength	More expensive Less sustainable as slower growth rate
Plywood	Manufactured Board	Available in large sheets Good strength and durability Can be laser cut	More expensive than other board options Edges oan splinter

Ferrous			
Wrought iron, pig iron,	•Contain iron • Magnetic (most)		Specific Lan
	• Rust	Durable	To be long lasting
Non-Ferrous		Malleable	To be bent and shaped
Copper, tin, silver, gold, aluminium, bronze, nickel	Do NOT contain iron Are NOT magnetic Do NOT met	Strength	To withstand forces and breaking
		Toughness	To not break or snap
Alloys		Hardnoon	To withortond
Solder, Pewter, Brass	 Mixture of more than one element Combining 2 metal improves properties 	sealiniess	scratching or denting

	Specific Language and Terms	uage and	Terms
Durable	To be long lasting	Thermal	To be able to conduct or insulate head
Malleable	To be bent and shaped	Electrical	To be able to conduct or insulate electricity
Strength	To withstand forces and breaking	Ductile	To be drawn into a wire (stretched)
Toughness	To not break or snap	Density	A measure of mass per unit volume
Hardness	To withstand scratching or denting	Absorbency	The ability to take in moisture

Classification of Metal

KS3 Knowledge Organiser – Year 8

Health & Safety

	/					
Specific	Specific Language	PPE Equipment	ment		Tools and equipmer	uipmer
and	and lerms	Apron	To protect your		Try Square	Drawir
PPE	Personal protective equipment.		clothing from soiling or from being caught in machinery/tools.			degree a com degree
Hazard	A danger or a risk	Goggles	Protect your eyes from dust particles or any other flying		Tennon Saw	Sawin
BSI	British Standards		debns from machining.			
	Institute	Ear	To protect your ears	(
Kitemark	Assures consumes that the product is	defenders	when using loud machinery.		Hack saw	Sawin in met
>	safe and has been tested by the BSI	Gauntlets	Protect your hands- particularly from heat when brazing or carrying out heat	*		
CE mark	Assures consumers that		treatments.		Flat File	Shapir a piec
90	the product meets European	Dust mask	To protect your breathing when working with dusty or			plastic
	safety standards		hazardous materials.		Vice	Holds



		F	1		
Drawing a line at 90 degrees OR checking a corner is square (90 degrees)	Sawing straight lines in wood	Sawing straight cuts in metal	Shaping or smoothing a piece metal or plastic.	Holds work still and	secure when cutuing, drilling, filing etc.
Try Square	Tennon Saw	Hack saw	Flat File	Vice	
	-				





Red: Prohibition Do Not - Stop Blue: Mandatory Must obey Yellow; Warning Risk of danger Green: Safety Means go

Walk safely and calmly around the classroom/ workshop.

clean up properly after Report all spillages & yourself.

Keep your work area and your belongings hung up floor area clear – keep

Make sure that you are wearing the correct PPE equipment for tasks.

instructions for using Follow the teacher's equipment carefully. Return all equipment to the classroom/ workshop. correct areas of the



KS3 Knowledge Organiser – Year 8

Machinery

Machinery						CAD- Computer Aided Design	esign
Pillar Drill	A free standing	•	Vacuum	A machine		Advantages	Disa
	machine that uses a motor to rotate a drill bit. This drill bit can then be used to cut		former	used to form sheet plastic into permanent objects using a		Designs can be created, saved and edited easily, saving time	CAD
	holes in materials.			mould.		Designs or part of designs can	Softw
Disc Sander	Is used for shaping		Hegner saw	A small electrical saw	1	be easily copied or repeated	exbe
	consists of an electric motor that turns a disk of sandbaner			with a thin blade used to cut a variety if		Designs can be worked on by remote teams simultaneously	Comp
				thin sheet materials		CAD is very accurate	Work
Laser Cutter	A CAM machine that engraves and cuts through material using a high powered	F	Vinyl Cutter	A CAM machine that has a sharp blade to cut out		Designs can be rendered to look-realistic to gather public opinion in a range of finishes.	
	optical laser			designs on tin self-adhesive		CAM – Computer Aided Manu	Manu
				plastic		Advantages	Disa
Buffer/ Polisher	A machine that can be used to polish metal and plastics to		3D Printer	A CAM machine that prints 3D		Quick – speed of production can be increased	Traini
	a high shine.	*		models using this layers of plastic		Consistency and accuracy – All parts manufactured are all the same	High i mach
						l ese mistakes, there is no	990

CAD / CAM

	CAD- Computer Aided Design	esign
	Advantages	Disadvantages
	Designs can be created, saved and edited easily, saving time	CAD software is complex to learn
	Designs or part of designs can be easily copied or repeated	Software can be very expensive
	Designs can be worked on by remote teams simultaneously	Compatibility issues with software
	CAD is very accurate	Work can be lost if not backed up
	Designs can be rendered to look-realistic to gather public opinion in a range of finishes.	
	CAM – Computer Aided Manufacture	Manufacture
Т	Advantages	Disadvantages
	Quick – speed of production can be increased	Training is required to operate CAM
781	Consistency and accuracy – All parts manufactured are all the same	High initial outlay cost for machines
	Less mistakes- there is no human error unless pre programmed	Loss of jobs for people
	Cost saving – workforce can be reduced	Production stoppage – if the machines break down, the production would stop

CAD software programmes:

Mechanical or electrical device designed to be used to perform a function.

Specific Language and Terms

Machinery

CAD

CAM



The programs used by a computer

Software

Computer Aided Manufacture

Computer Aided Design

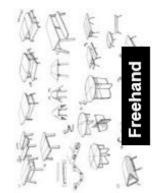
Roland CuStudio





KS3 Knowledge Organiser – **Year 8**

Creating Ideas and Drawing:







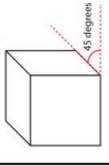




Oblique Projection

Opposite is a cube that

has been drawn in Oblique projection.



degrees lines 2. Project 45 from each

1. Draw the front or side view of the object

projection follow the three

main steps below:

To draw it in oblique





corner

with a fine black pen or dark, sharp pencil. position. Go round the outline of the cube 3. Draw the back two lines of the cube in

sometric Drawing



Thinking outside the box. Different ways to get creative are to use techniques

such as Jack straws, Geometric shapes, Scruffiti and Biomimicry.

A projective drawing on an object in 3D where the front face is drawn flat and all other lines are projected at 45 degrees

Specific Language and Terms

Geometric shapes

Scruffiti

Quick sketching without using a ruler. This is to be used to get your first

thoughts for ideas down on paper

Freehand sketching

Creative ideas

Oblique drawing

The notes you write around your ideas explaining what they show and how it

could be made.

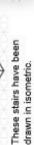
Isometric Drawing

Annotation

Construction Lines

Crafing

An isometric drawing is a type of 3D drawing that is set out using 30-degree angles. It's a type of drawing in which the same scale is used for every axis,



8



Isometric Rules:

Drawing to scale

The drawing of a crate (box) using construction lines that allow a drawing to

be created to scale within it.

A lightly drawn line that allows you to construct a drawing, before

resulting in a non-distorted image.

committing the final shape to a darker line

Parallel lines 30 Degrees

Drawing must show 3 sides of the object drawn

53

Mechanical Systems and Movement and Forces	
- Year 8	
rganiser –	
vledge C	
S3 Knov	

S	Specific Language and Terms	Mechanisms				
Mechanical	A mechanical system is a set of physical components that convert an input motion	Mechanism	Definition			Example
	and force into a desired output motion and force. Mechanical systems have at least three elements: input, process and output.	Gears	Gears are too together and gear is turned	Gears are toothed wheels (cogs) that lock together and turn one another. When one gear is turned the other turns as well.	l lock 1 one	
Mechanism	Is a device that transforms input forces and					
	movement into a desired set of output forces and movement.	Pulleys	Pulleys are like lock together	Pulleys are like gears, but the wheels do not lock together. The wheels are instead joined	do not joined	<u>•-</u>
Machine	A system of mechanisms working together		together by a	together by a drive belt. Pulleys can be used to affect the speed, direction or force of a	se used	1
Motion	A type of movement		movement.			_
Force	Is a push or pull in a certain direction that causes a change in speed, direction or shape.	Levers	a rigid bar res heavy or firml pressure is apı	a rigid bar resting on a pivot, used to move a heavy or firmly fixed load with one end when pressure is applied to the other	move a d when	inad effort
Forces			Types of Movement	ement		
Force	Definition	Example	Motion	Definition	Example	
Compression	A pushing or squashing force	Mattress springs	Linear	Moves in one	Bike, car. train	train
Tension	A pulling or stretching force	Tug of war rope		direction		
Torsion	A twisting force	Turning a screw	Oscillating	Swings back and forth	Pendulum, swing	, swing
Shear	A cutting force caused by two forces in opposite directions very close together	Scissors	Reciprocal	Repetitive back and forth linear	Sewing m	Sewing machine needle
Bending	When two forces act in opposite directions	Beam bridge		motion		·
→			Rotating	Moves in a circular motion	Car whee	Car wheels, pedals
-	\ \ \ \ \ \					
compression t	tension bending torsion shear					

Notes

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Notes

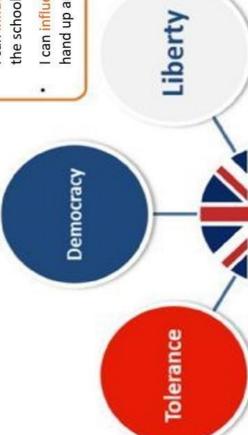
Core British Values

unacceptable to dismiss the beliefs and opinions of I recognise that it is

anyone.

understand that discussions about sensitive issues will be controlled and structured.

- I can influence the way the school runs through
 - the school council and by talking to staff.
 - I can influence my lessons through putting my hand up and responding.



I am free to think as I see fit.

accountable for all my actions. I have the freedom to make choices that affect me but I recognise that I am

Respect

Responsibility

to promote and protect the

wellbeing of others.

We all have a responsibility

I recognise that everyone is long as it does not promote entitled to their opinion as extremism. I understand that everyone is entitled to a voice within the classroom.

Law

would like to be listened to. I will listen to others as I

I recognise that there will be consequences for my mirror society laws and must be respected. actions.

I understand that the school rules are used to

Social - Moral - Spiritual - Cultural



take responsibility for all of

my actions – good or bad.

responsible for my learning

as my teacher.

I recognise that I am as

Theme: E-safety, online safety and exploitation Organisation: The National Crime Agency's CEOP Education team

Website: www.thinkuknow.co.uk

Theme: Online safety, E-safety and Cyberbullying

Nebsite: www.childnet.com/ Organisation: Child Net

Theme: Safety, support and abuse

Website: www.childline.org.uk Organisation: Childline Phone: 0800 1111

Organisation: Crime stoppers Phone: 0800 555 111 Theme: Crime

Website: https://crimestoppers-uk.org/

Organisation: FRANK (National Drugs Helpline) Theme: Drugs, addiction and dependency

Website: www.talktofrank.com/ Phone: 0300 123 6600

Theme: Support and help for runaways Organisation: Runaway Helpline

Website: www.runawayhelpline.org.uk Phone: 116000

Website: https://chathealth.nhs.uk/ Organisation: Chat Health Theme: Health

Theme: Health, Wellness and Mental Health

Organisation: NHS Phone: 111

Website: www.nhs.uk

Theme: Mental Health Organisation: Kooth Website: https://www.kooth.com/

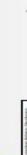














STAYING SAFE

Theme: Mental Health, Wellness and self-care

Organisation: Young Minds

Text line: 85258

Website: https://barclayslifeskills.com/young-

Organisation: Barclays Life Skills

Theme: Finance

Theme: Healthy teen relationships Organisation: Act on it Phone: 01270 250 390

Website: www.youngminds.org.uk

Organisation: Stonewall Theme: LGBTQI+

ersonal

Website: www.stonewall.org.uk

Website: www.actonitnow.org.uk

Theme: LGBTQ+ Equality

Organisation: Norfolk LBGT+ Project Website: https://thekitetrust.org.uk/ Organisation: Kite Trust (Cambs)

Website: https://norfolklgbtproject.org.uk/ Phone: 01603 219299

Protected Characteristics



ducation

Careers:

Unifrog - www.unifrog.org

National Careers Service: https://nationalcareers.service.gov.uk/ Help you choose: https://helpyouchoose.org/content/

Can Be A: https://www.icanbea.org.uk

