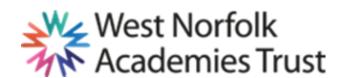
Year 8 Knowledge Organiser

Spring Term 2023/24

Name:

Form:



Week 1/A

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

Week 2/B

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

Contents Page

Page	Content
1	Policies, Pastoral Contact & Term Dates
2	Personal Details
3 – 4	Calendar
5 – 6	Homework Log and Parental Check
7 – 8	Reading Log
9 – 10	Reading Passport
11 – 12	Instructions and Revision Strategies
13 – 14	Art
15 – 16	Citizenship
17 – 18	Computing
19 – 20	Drama
21 – 22	English
23 – 24	Food Preparation and Nutrition
25 – 26	French
27 – 28	Geography
29 - 30	German
31 – 32	History
33 - 34	Mathematics
35 – 36	Music
37 - 38	PE
39 – 40	Religious Studies
41 – 42	Science – Chemistry
43 – 44	Science – Physics
45 – 46	Spanish
47 – 48	Technology

Spring Term

Attendance and Absence

In cases of absence, parents are asked to contact the relevant year 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 year office and use the late system in order to get a mark. Late registration is an **unauthorised absence**.

Pastoral Support Contacts
Telephone Number:
Email Address:

Term Dates Summary

Autumn Term 2023							
Wednesday 6 Sept -	Half-term:	Monday 30 Oct -					
Friday 20 Oct 2023	Monday 23 – Friday 27 Oct 2023	Wednesday 20 Dec 2023					
	Spring Term 2024						
Thursday 4 Jan -	Half-term:	Monday 26 Feb –					
Friday 16 Feb 2024	Monday 19 – Friday 23 Feb 2024	Thursday 28 Mar 2024					
	Summer Term 2024						
Monday 15 Apr –	Half-term:	Monday 3 Jun -					
Friday 24 May 2024	Monday 27 – Friday 31 May 2024	Friday 19 Jul 2024					

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

Spring Term Calendar

	Ja	nuary 2024
1	Mon	
2	Tue	
3	Wed	
4	Thu	
5	Fri	
6	Sat	
7	Sun	
8	Mon	
9	Tue	
10	Wed	
11	Thu	
12	Fri	
13	Sat	
14	Sun	
15	Mon	
16	Tue	
17	Wed	
18	Thu	
19	Fri	
20	Sat	
21	Sun	
22	Mon	
23	Tue	
24	Wed	
25	Thu	
26	Fri	
27	Sat	
28	Sun	
29	Mon	
30	Tue	
31	Wed	

February 2024				
1	Thu			
2	Fri			
3	Sat			
4	Sun			
5	Mon			
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			

Spring Term Calendar

	N	March 2024
1	Fri	
2	Sat	
3	Sun	
4	Mon	
5	Tue	
6	Wed	
7	Thu	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tue	
13	Wed	
14	Thu	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tue	
20	Wed	
21	Thu	
22	Fri	
23	Sat	
24	Sun	
25	Mon	
26	Tue	
27	Wed	
28	Thu	
29	Fri	
30	Sat	
31	Sun	

		April 2024
1	Mon	
2	Tue	
3	Wed	
4	Thu	
5	Fri	
6	Sat	
7	Sun	
8	Mon	
9	Tue	
10	Wed	
11	Thu	
12	Fri	
13	Sat	
14	Sun	
15	Mon	
16	Tue	
17	Wed	
18	Thu	
19	Fri	
20	Sat	
21	Sun	
22	Mon	
23	Tue	
24	Wed	
25	Thu	
26	Fri	
27	Sat	
28	Sun	
29	Mon	
30	Tue	

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		-	-
Tuesday			
Wednesday			
Thursday			
Friday			
Week 3	Subject 1	Subject 2	Signed
Monday	,		
Tuesday			
Wednesday			
Thursday			
Friday			
Week 4	Subject 1	Subject 2	Signed
Monday	,		
Tuesday			
Wednesday			
Thursday			
Friday			
Week 5	Subject 1	Subject 2	Signed
Monday	-		<u>-</u>
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	,		
Tuesday			
Wednesday			
Thursday			
Friday			
Week 11	Subject 1	Subject 2	Signed
Monday	,	•	<u> </u>
Tuesday			
Wednesday			
Thursday			
Friday			
Week 12	Subject 1	Subject 2	Signed
Monday	,	,	
Tuesday			
Wednesday			
Thursday			
Friday			
Week 13	Subject 1	Subject 2	Signed
Monday	,		
Tuesday			
Wednesday			
Thursday			
Friday			
Week 14	Subject 1	Subject 2	Signed
Monday		•	
Tuesday			
Wednesday			
Thursday			
Friday			

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				Review and Test	Reading
Title and Author	Date	Starting Page	Last Page	Score	Log
				-	Teacher Initials
				1	0 1:
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 as possible.

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

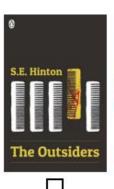
The books selected are fantastic examples of modern and classical literature, representing the best the world has to offer. Students can read these texts independently or they could listen to them as audiobooks. The important thing is to experience a variety of genres, authors and stories! We hope that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

The easiest way to get hold of these books is from our school library where students 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.

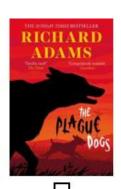
Year 8 Reading Passport

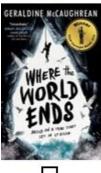


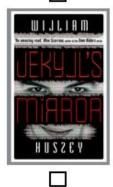




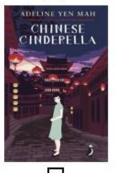




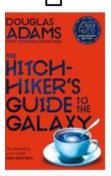






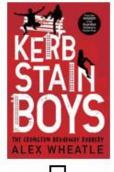








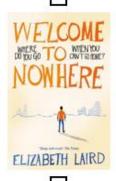


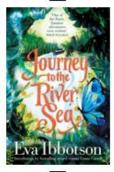


















Instructions for Using Your Knowledge Organiser

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

On pages 5 and 6 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 7 and 8. 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 as it will be checked regularly during form time.

You will be regularly tested on knowledge contained in this booklet in your lessons and through quizzes on Show My Homework.

8 Top Revision Tips



Last minute cramming is stressful and has limited success.



3 Pick a Good Spot

Find a quiet and comfortable spot away from distractions and keep all of your things in one place.



5 Takes Breaks

It is possible to work too hard! Your brain needs rest and time to process z the information you've studied.

7 Use Past Papers

These are a great way to test yourself and a good way to get used to the exam format



Make a Plan

Work out how much time you have and how much of it you can spend on each subject.



4 Find a Good Method

Choose the best revision methods for you and try to use a mixture of methods for the best results.

6 Revise with Friends

Talking through what you've learned with a friend can help information stick.



You need to maintain a healthy diet to be able to retain information and not lose energy or focus during study.



LONG TERM MEMORY



Retrieval Practice

Create your own quizzes based on topics.

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

Deliberate Practice

questions and then go over using your notes, adding or Revise it, practice exam Apply your knowledge! edrafting!

Elaborate Practise answers Test knowledge Space Plan topic 1/// 1111 1111 1111 THE THE THE MEMORY CLOCK 1111 Re-draft Read examiner Set a timer Read mark schemes Recreate ondition exam

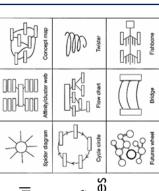
Graphic Organisers

Practice planning exam question

answers.

Answer Planning

causes, consequences Information into visual narrative, identify the create links, show a and importance. **Iransform the** evision to



Flashcards



Create with questions answers on the other specific topics and side. Colour code on one side and quiz yourself.

Read Aloud

facts – it really helps you reading the Knowledge Organiser. Even try to act out some of the out loud as you're Simply speak the facts and dates remember!

Sketch it

of the facts or dates. It could be a simple drawing or something that Draw pictures to represent each eminds you of the answer.

PRACTICE PERFEC

Hide and Seek

and over again.

and try and write out knowledge organiser as much as you car book, put it down Read through your keep adding to it emember. Then

facts and then get them to est you, or even test them! Feach someone your key **Teach it!**

until its full!

Record II remember by simply

Some find they

Practice!

Record yourself on your phone istened to as many times as information. These can be or tablet reading out the writing the facts over

Post its

vou want!

remember in only 1 out as many of the keywords or dates post-it notes, write Using a pack of as you can minutel

questions.

and draft key paragraph

Bullet point, speed plan

Year 8 Spring Term Knowledge Organiser

Art - Typography- Printmaking:

Printmaking is the process of creating artworks by printing, normally on 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 image or a painting.

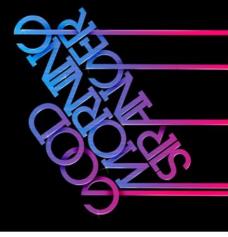
	Art Specific Language and Terms	age and Tern	IS
Typography	Typography is the art and technique of arranging type to make written language legible, readable, and appealing when displayed.	Screen Printing	A printing technique where a mesh or screen is used to transfer ink onto a surface, except in areas 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:





Ronald Hunter





Nicolas Girard

Craig Ward

Year 8 Spring Term Knowledge Organiser

Art - Typography- The Art of Lettering:

	Art Specific Language and Terms	age and Tern	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:

Sans-serif: (without flicks)

AaBbCc

Serif: (with flicks)

AaBbCc

Sans is the French word for without.

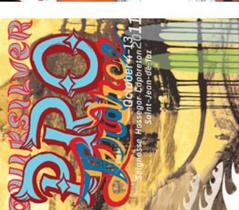
Weight or

Changing the

Weight and Size:

Typography:

David Carson is an American graphic designer. He is best known for his innovative magazine design, and use of experimental typography. He was the art director for the magazine Ray Gun and was perhaps the most influential graphic designer of the 1990s.





of type changes the emphasis

Y8 CITIZENSHIP KNOWLEDGE ORGANISER

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

The Annual Budget

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

Money & Finance

The Chancellor of the Exchequer

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

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



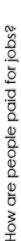
Public Services

Budget Statement.

43

collected by the government. The taxes are taken from people's These are services provided to the public and paid for by taxes wages and used by the government to provide many

Public services are available to everyone, usually for free. Every person in the UK is entitled to a free education and free healthcare via the NHS.



The more hours you work, the more pay you'll receive. You commission – this is mostly for sales jobs, when you receive normally receive the same amount of pay every month in when you earn a set amount for every hour that you work. produce, the more you'll be paid. Sometimes people get can get paid **piece work** – this is when you're paid a set If you get paid a salary, this is when you are told the amount of money you will earn in one year. You will a share of all the sales you make. Often you will get commission as an extra on top of your salary.



Spring Term

Com	Command Words
Argue	Present a reasoned case
Apply	Put your ideas into effect in a relevant way
Compare	Identify similarities and/or differences
Consider	Review and respond to given information





Making Connections

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

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



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

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

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

Houses of Parliament

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

Sovernmen

Politics &

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

political knowledge.

Voter Apathy

Parliament Act Fixed Term 2011

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

Secretary Home

running the police, orisons, law and Responsible for order and the justice system.

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

Chancellor

Defence Secretary

country, including armed forces and defence of the Responsible for weapons.

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

Way

Apply

- / Healthcare Education
 - Police
- Housing
- The economy



Compare

Identify similarities and/or differences

Consider

Review and respond to given information

perspectives on an issue

Debate

Present different

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

Present a possible

case/solution

Suggest

Set out main characteristics

Outline

Present key points without detail

Summarise

Who can and cannot vote?

Yay!

Ναγι

- On the electoral Over 18
 - **British Citizen** register
- In prison Lords

x In the House of



Making Cornection

How can you link different topics together?

Democracy + MP + Cabinet + Prime Minister

Computer Science – 8.3 Web Authoring Keywords

Web Authoring	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.	Us inf
Template	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 Forms	Interactive element. A way of allowing the user to input information through you website and have that information stored exactly as the user input it.	
Interactive Menu	Interactive element. Interactive menus can be used as an easy way to navigate a website without the need to remember command line instructions.	ပိ
Image Roll Over	Interactive element. An image that allows the user to interact with the page. Usually this occurs when the user hovers the mouse over the image and the image changes in some way.	WO Site
Web links	Interactive element. Shortcuts to places either within the website or sometimes external links that take the user to a linked website elsewhere.	Ā
Site Search	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.	Roo
Audience	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.	
Purpose	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.	Acce Fe
Root Folder	The folder that will contain all of the documents, flies and folders that relate to the website.	
E-Safety	E-safety is safe and responsible use of technology on the computer and the internet.	Š
Reliability	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?	Au
Sitemap	The underpinning structure and navigation of a website.	An
Target Audience	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 Audience Needs	Target Audience Difference audiences will have different needs. For example, certain groups may need more or less Needs colour, can handle different types and complexity of language, use bigger smaller text, need more or less interactive features etc.	2. <i>\</i> into
Accessibility Features	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 Task

Use w3schools html editor to create a website to inform year 7 students about some of the damagers of using the internet. Your website should include:

- Appropriate images
- Appropriate information
- Hyperlink to a YouTube video on cyberbullying
 - Appropriate paragraphs
- Any other appropriate interactive features

Complete this table. Explain these keywords in your own words

Site Search	
Audience	
Root Folder	
	Responsible use of technology on the computer and the internet.
Accessibility Features	
Sitemap	
Target Audience	
V	

inswer the following questions:

- 1. List 3 features that makes a good website design.
- Write the correct html code for inserting the image kitten.jpg into a HTML webpage?

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 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 = , += , -= , \star = , /=.
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.

python code numb1 = 5 numb2 = 9 Answer = numb1 + numb2 Print (answer)



Drama - Script Exploration



Christopher Boone- Protagonist and autistic

Main Characters

Judy Boone- Christopher's mother

condary Characters

Ed Boone- Christopher's father

Structure of a Script

- A play script is a piece of writing written for the stage.
- A play script will include a list of characters (at the very beginning).
 - It may be divided into acts which are then divided into scenes
- ਤੌ
- ä ma

ger Shears- The man his mother had an affair

bhan- Christopher's teacher at school

Some character	Sometimes each scene will have a description of the setting at the start and then the characters' dialogue.
Dialog marks	Dialogue is set out with the character's name on the left then the dialogue (without speech marks), some will also have colons or full stop separating the name and the speech.
Key Vocabulary	bulary Definitions
Act/Scene	An act is a division or unit of a theatre work, including a play, film, opera and musical theatre. A scene is part of an act defined with the changing of characters.
Characters	s People acting in a playscript.

Practice Tasks

s Shears - Neighbour his father has a

ationship with

s Alexander- Elderly neighbour

nor Character

- Could you plan a rehearsal with rehearsal techniques Can you learn lines ready for a class performance?
- Create a character profile for one of the characters /exercises to enhance the work? from the play. esi

Key questions

- Do you know how to lay out a script when writing vour own?
 - What is meant by the term subtext?

These are often written in italics within brackets and are instructions for the actors on stage

Stage Directions

Audience

The people who watch the performance; those for whom the performance is intended.

these should not be read aloud in performance. These instructions can also be for the

technical team with ideas for lighting or sound effects.

The feeling created on stage during a performance.

The stage positions and movement.

Blocking

Mood

Status

character in the story, but their lines are written in the same way as any other character's.

Some scripts include a character called a narrator. These are characters which explain

Setting is the time and place (or when and where) of the story.

what is going on in the story for the benefit of the audience. They do not have to be a

- How can we show relationships between characters on stage?
 - What is meant by the term directorial interpretation?
- What is a rehearsal technique and why do we use these?

the relationship of a family. Christopher is a 15 year old who is autistic. He makes it investigation he uncovers a family secret and things will never be the same again. Curious Incident of the Dog in the Night time. It is a whodunnit play and looks at We will be exploring the stage play, his mission to discover who killed Wellington, the dog. During his

This is where all cast members work together in a unified way rather than focusing on

ndividual performances.

Proxemics

This is where a text is adapted (changed) for stage, television or film.

Adaptation

Ensemble

The position of importance, power or control in performance.

elationships between characters for example a couple in love would be very close This is a term to describe the use of space on stage and how this can suggest

Creating the sense of the location.

Atmosphere



Narrator

Setting



Drama - Verbatim Theatre



Verbatim Theatre

- Verbatim theatre takes the words of real people and puts them into the context of a play.
- Sometimes the interviewer's questions are included to create dialogue.
 - Sometimes the questions are removed to create a monologue.
 - The words are usually gathered by interviewing people and recording their responses.
- The words can also be gathered from interviews that have been broadcast on the television or radio.

Technical Terminology

Prop	Objects used on stage by actors during a performance.
Costume	A set of clothes worn by an actor in a particular role.
Set	Scenery used to identify the location of a scene/ play.
Lighting	The arrangement of theatre lights to achieve dramatic effects.
Sound	The sound used to create atmosphere, emphasise what is happening on stage, set the scene and indicate time or location.

Practice Task

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

What are the similarities and differences between verbatim theatre and Brechtian theatre? What drama techniques would you add into a verbatim theatre piece? Can verbatim theatre be naturalistic? If so, how and why?

Key Questions

What makes a good verbatim performance?

Performance Skills

Facial Expression	The feelings expressed on a character's face.
Body Language	The way in which a character communicates using gestures, movements and mannerisms.
Voice	The way in which the voice is used to present emotion using Tone (Emotion) / Pitch (High or Low) / Pace (Speed) / Volume (Loud or Quiet) / Accent (Region).
Space	The area between and around the actors. The theatre space in which the drama takes place.
Levels	Characters being visually higher or lower on stage than other characters.
Proxemics	Communicating to the audience what the relationships of the characters arer like through the use of space/distance.
Tension	When the character is tense. The concept of making the audience want to know what will happen next.
Semiotics	The signs and symbols created on stage, that an audience finds meaning from (visual and audible).
Character	A person represented by the actor.
Dialogue	Speech/conversation between two or more people.



Verbatim Theatre Performances
For the record - Based on the Hillsborough disaster
https://www.youtube.com/watch?v=64C16TSedqM&t=9s
London's burning - Based on 2011 riots
https://www.youtube.com/watch?v=1089tO9wyCA&list=PLgtPWdqMvg_TULAREGDyM53iJ8MADunWit
Can we talk about this? - Based on forced marriage



Symbolism

Symbolism is a type of figurative language in which an image, object, idea or symbol is used to represent something other uncover them – a rewarding feature that provides a puzzle to be solved! Our interpretation of such symbols relies on our than its literal meaning. Symbols are often hidden within a story, and readers must analyse the meaning of a text to understanding of the writer's culture and context. Sometimes, we need to do a little research in order to place the symbols within their context.

Vocabulary Symbolism Symbolic Metaphor Characterisation Connotation Concrete Abstract Represent Represent Conflict Complex Sentences Fronting

A. A word or phrase used to describe something as if it were something else.

B. Existing in thought or as an idea but not having a physical existence.

C. To stand for or be an example of.

The process or a period of changing from one state or condition to another.

E. The use of symbols to represent ideas or qualities.

F. The literal or primary meaning of a word or image.

G. The way authors create characters and make them believable.

Existing in a material or physical form.

The depiction of a thing, person or idea through written, visual, performed or spoken Combining one independent clause and at least one dependent clause.

Moving clauses to the beginning of a sentence in order to create meaning.

L. An idea or feeling that a word or image reminds us of.M. A clashing or sharp disagreement.

N. Serving as a symbol.

Check your answers:

Test yourself - cover the vocabulary words. Can you recall each term using the definitions?

Transition: D / Complex Sentences: I / Fronting: K

Connotation: L / Concrete: H / Abstract: B / Representation: J / Represent: C / Conflict: M / Symbolism: F / Symbolic: N / Metaphor: A / Characterisation: G / Denotation E: /

Task 1 - Word Power: Word Families



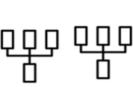
1 a) - 'manipulation' 'manipulated' and 'manipulative' all belong to the same word family. Identify their root



a larger word family. Expand the root to 1 b) - Reverse it! 'Symbol' is the root of create three variations.



1 c) – Expand upon a root word of your choice from the vocabulary page. How many variations can you find?



Colours, symbolism and culture.



literature, e.g. green can represent jealousy or nature. Create Task 2 – RESEARCH. Colours are often used as symbols in a colour wheel to show what the above colours represent in our culture. Compare this to the same colours in other cultures. What have you learned?

Task 3: A Poison Tree

- a) Read the poem through. Then read it once more, looking for a connection to the title.
- b) The imagery in this poem connects to nature. Find two examples. How do they make you feel?
- d) Can you figure out what the tree itself symbolises? What it might represent?
- e) What happens when the 'tree' is watered?
- f) What is the poet telling us about what happens when you try to repress anger?



And he knew that it was mine.

And my foe beheld it shine,

Till it bore an apple bright.

My foe outstretched beneath the tree. When the night had veild the pole; And into my garden stole, In the morning glad I see;

* wrath: extreme anger



joy. Choose an object, colour or element of nature to represent your chosen Task 4 - Write your own poem centred around an emotion, e.g. jealousy or emotion.

told my wrath*, my wrath did end.

was angry with my friend;

A Poison Tree By William Blake told it not, my wrath did grow.

was angry with my foe:

Night & morning with my tears:

And I waterd it in fears,

And with soft deceitful wiles. And I sunned it with smiles,

And it grew both day and night.

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

Prior Learning/Context:

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

Key Questions:

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

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

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

Poisoning (the 4Cs) Preventing Food



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

- Good sources of

Science of Cooking

Alternatives include

- meat, fish, egg & plant alternatives e.g. soya Products including
- Some groups of people need more protein such as pregnant women

Future Learning

Year 9: Food Choice and Cooking Traditional Dishes KS4: AQA GCSE in Food Preparation and Nutrition

Food Preparation Outcomes:

Kev Vocabularv

Poisoning, Pathogenic Bacteria, Protein, Amino Recipe, Nutrition, Cross-Contamination, Food Acids, Saturated and Unsaturated Fats,

Assessment:

- Retrieval Practice quizzing, starter/plenary tasks
- Formal knowledge assessments delivered in time with reporting
- Food preparation skills assessed after every practical P, D, C, E)

Food Provenance

Food Safety

The Science of

Cooking

Food Choice

Food Preparation

Nutrition and

Health

Themes:

Dairy and Alternatives

- Products made from cows milk
- protein and calcium
- soya milk and oat milk

HOW YOUR BODY USES AMINO ACIDS AS BUILDING BLOCKS

Needed for growth and

acid or mechanical

proteins by heat,

formation when prevent gluten

Shortening –

making pastry **Denaturing** of heating protein to

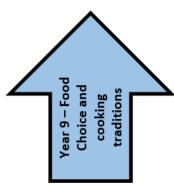
set a mixture

fats and eggs

Coagulation –

means

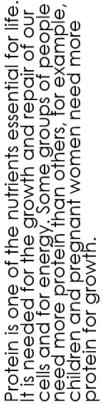
repair



Coagulation, Aeration, Coronary Heart Disease,

Protein

Meat, Poultry and Fish



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 children (the extra 2 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 aim 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 diet, 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), semi-skimmed (green packaging) and skimmed (red packaging) varieties are widely available.

Organiser
n Knowledge
Y8 Spring Term
_
Frenc

French	Y8 Spring	Y8 Spring Term Knowledge Organiser	lge Organise		Unit 3: Les loisirs – Hobbies
Qu'est-ce que tu	What do you	Qui es ta célébrité	Who is your favourite	rite Quels sont tes loisirs?	What are your hobbies?
aimes à la télé	like on TV	préférée ?	celebrity?	J'ai un smartphone	I have a smartphone
J'aime/J'adore	I like/I love	Ma célébrité préférée	My favourite celebrity	ty Je surfe/Je blogue/Je chatte	e I surf/blog/chat
Je n'aime pas	I don't like	est	is	Je fais des achats en ligne	I shop online
Je déteste	I hate	parce qu'il/elle est	because he/she is	. Je crée des playlists	I create playlists
les comédies	comedies	parce qu'il/elle n'est pas	because he/she isn't	t Je joue au foot	I play football
les dessins animés	cartoons	intelligent(e)	intelligent	Je télécharge des chansons	_
les feuilletons	soabs	arrogant(e)	arrogant	l'écoute de la musique	_
les séries (policières)	(police) series	égoïste	selfish	Special of the Xbox	I play on my Ybox
les documentaires	documentaries	drôle	funny	le faic du vélo	I do evelina
les infos	the news	modeste	modest	Jo lio doo DD	l go cycling
les jeux (télévisés)	gameshows	généreux/généreuse	generous	Je no recorde iomeir le +61	
les émissions de	programmes	travailleur/travailleuse	hard-working	Je ne regarde jamais la tele	a Hevel watch I v
sport	sports	beau/belle	good-looking	I loo time a property of I	
cuisine	cooking	gentil/gentille	kind	Use time phrases such as: souvent (orten), parrois	souvent (orten), parrois
télé-réalité	reality TV	Remember to make the adjective ending agree for	ective ending agree for	(sometimes), d'nabitide ((sometimes), a nabitide (usualiy), tout le temps (all
musique	music	masculine/feminine.))	the time) to make your work more interesting.	rk more interesting.
science-fiction	science fiction) a +élé)T		
Mon émission	My favourite		2	On va au ciné ?	Shall we go to the cinema?
práfáráa c'ast	nrodramme ie	Je regarde la tele	watch IV	Je vais au cinéma ce soir.	I'm going to the cinema
picici c csi	programme is	le matin	in the morning		this evening
Pourquoi?	Why?	le soir	in the evening	le vais voir	l'm doing to see
Parce qu'ils/elles	Because they	le weekend	at the weekend	una comádia	a compdy
sont	are	à la maison	at home	un film d'animation	a comedy an animated film
ridicules	ridiculous	dans le bus	on the bus	un film romantique	a romantic film
divertissant(e)s	entertaining	chez mes a mis	at my friends' house	un film d'action	an action film
passionnant(e)s	exciting		alone	un film de science-fiction	a sci-fi film
plein(e)s d'action	action-packed	avec ma famille	with my family	un film de super-héros	a superhero film
nuls/nulles	rubbish		with my friends	un film d'horreur	a horror film
marrant(e)s	funny	tte/mon	on my	Tu viens 2	Are volt coming?
bêtes	stupid	smartphone	tablet/smartphone	Oui je veux bien !	Yes I'd like tol
ennuyeux/ennuyeuses	boring	à la demande	on demand	Désolé(e) je ne nejix nas	Somy Lean't
Remember to make the adjective ending	e adjective ending	C'est facile	It's easy	Rendez-vous à quelle heure?	When shall we meet?
agree for masculine/feminine	minine.	Ce n'est pas cher	It's not expensive	Rendez vous chez moi à 19h	Meet at my house at 7pm
	Question words	ords		Novitorial	
	II II DIDONNA	Spio		Negalives	

do **not** read **anything** do **nothing** online

Je **ne** lis **rien** Je **ne** fais **rien** en ligne

How do you watch TV? What do you watch?

Comment est-ce que tu regardes la télé?

Qu'est-ce que tu regardes?

French Y8 Spring Term Knowledge Organiser

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
ennuyeux	boring
joli	pretty
nul	rubbish
historique	historic
touristique	touristic
moche	ugly

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

Qu'est-ce qu'on peut	What can you do ir
faire dans ta région ?	_
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

Elle est comment, ta	What's your area like'
région ?	
Dans ma région	In my region
il y a des	There are some
il y a beaucoup de	There's lots of
il y a trop de	There's too many
il y a plein de	There's plenty of
il y a peu de	There's not many of
il n'y a pas de	There isn't any
lacs	lakes
touristes	tourists
champs	fields
plages	beaches
voitures	cars
montagnes	mountains
bâtiments	puildings
rivières	rivers
jardins publics	parks
distractions pour les	things for young people
jennes	to do
magasins	shops
forêts	forests

Unit 4: Ma région – My area

=	The verb POUV	The verb POUVOIR (To be able to)
	The verb POUVOIR is an irregula usually followed by an infinitive :	The verb POUVOIR is an irregular modal verb. It is usually followed by an infinitive:
	On peut aller au cinéma	On peut aller au cinéma – You can go to the cinema
	Je beux	I can
	Tu peux	You can
	II/Elle/On peut	He/She/We can
	Nous pouvons	We can
	Vous pouvez	You (pl). can
	IIs/Elles peuvent	They can
	The verb DEVOL	The verb DEVOIR (To have to/must)
	The verb DEVOIR is an irregular modal verb. It is	regular modal verb. It is
	usually followed by an infinitive	finitive
П	Je dois laver la voiture - I have to wash the car	I have to wash the car
ر.		
	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
_		

Qu'est-ce que tu dois faire	What do you have to
à la maison	do at home?
Je dois	I have to
Ma sœur/Mon frère doit	My sister/brother
	has to
laver la voiture	wash the car
ranger ma chambre	tidy my room
nourrir les animaux	feed the animals
faire la cuisine	do the cooking
faire la vaisselle	wash the dishes
garder le bébé	look after the baby
faire la lessive	do the washing
sortir la poubelle	take the rubbish out
passer l'aspirateur	do the vacuuming
promener le chien	walk the dog



Natural Slow decrease Very low Germany LOW Family planning. Good health. Improving status of women. Later marriages. Good health care. Reliable food supply. JSA, Japan France, UK Stable or slow increase Low stationary Low Low 4 Increase slows down improved medical care and diet. Fewer children needed. Improvements in medical care, water supply and sanitation, Fewer children die. Falls more slowly Labe expanding Falling World map Brazil Natural Very rapid increase Egypt, Kenya, India Many children needed for farming, Many children die at an early age, Religious/social encouragement, No family planning. Early expanding Birth rate Falls rapidly High N A few remote groups Disease, famine. Poor Total population Stable or slow increase High stationary He B High 10 Reasons for changes in death rate ther 1000 Death rate Examples Birth rate The number of people in a specific area - China has the People move from villages (rural areas) to cities (urban Something that makes villages unattractive for people, The number of babies born every year per 1000 people A bar graph showing the number of people in each age The number of deaths that occur every year per 1000 close to 40 million people, London is NOT a megacity. 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 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. Definition 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

- Define migration and population density. (Term 1 in Year 7)
- What is the difference between sparsely and densely populated areas? (Term 1 in Year 7)
- What is used on a choropleth map to show information? (Term 1 in Year 7)

Key tasks:

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

pork fillet in breadcrumbs with potatoes

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

Wie ist das?	?	What is it like?
süß	sweet	lecker delicious
sauer	sour	köstlich <i>tasty</i>
salzig	salty	gesund <i>healthy</i>
scharf	spicy	ungesund unhealthy
vegetarisch	vegetarian	
ekelhaft	disgusting	

Im Restaurant

Was nimmst du?

In the restaurant

What are you having?

Ich nehme... 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 prese	ent tense – Iro	egular 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)
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	n	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.

Ich gehe ins Bett.

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. I have breakfast. Ich frühstücke. Ich gehe aus. I go out. lck komme zurück. I come back. Ich esse zu Abend. I have dinner.

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 ...?

I go to bed.

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
die zweite Straße rechts
Geh an der Ampel links!
Geh an der Kreuzung rechts!

the first street on the left
the second street on the right
Go left at the traffic lights.
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

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

		Kev Words	Definition	tion		Reacons for the
Ī	Hictory	Enclosure	0.3697	fland ware divided un into fields owned by on	00000	101 5110 5110
	> 1010	Enclosure	Aleas 0	Aleas of land were divided up into lields owned by one person.	e person.	industrial
		Revolution	A great	A great change.		1000
		Domestic System	Families	-amilies working at home producing goods together.		revolution,
		zeilegen Gewitzele O	Allowing	Allowing the best animals to breed, so only the best characteristics	haracteristics	factories, transport
	Chronology	Selective Dreeding	of anima	of animals are passed on.		
1750	Considered to be	Mechanised	Machine	Machines are used rather than just people.		alla Ilivelicions.
	the start of the Industrial	Pauper Apprentice	Children	Children, often orphans that were sent to work in factories by local	ories by local	
	Revolution.		autilollites	30.		
1769	Spinning frame	Coal	A hard k	A hard black rock that burns for much longer than wood	od.	
	was invented. They	Canal	Long, m	ong, man made channels filled with water that could be used to	be used to	
	were too big to use		transpor	ransport heavy and fragile goods.		
	at nome and factories were	British Empire	A collec	A collection of countries and colonies (areas) that Britain controls around the world.	ain controls	
1781	lomos Wot	Futrentenelire	Panna	vegom otni snoitneyni bas sabi wen mit bling that elabel	money.	
0/-	developed a new	Linchicucais		נוומן כסמות ימון ווכא ותכמז מוות ווואכווויסווז וווגס	ioney.	
	steam engine that could turn a wheel.	Key People	Role		Beam	3 Steam removed here,
1804	Richard Trevithick shows his new invention the steam	James Watt	Developed the steam and power machines.	the steam engine so it could turn wheels machines.		which lets piston drup down.
	train.				200	- one-and-
1830	Liverpool to Manchester railway opened.	Richard Trevithick	Credited with inve	Credited with inventing the steam train.	z Steam pushes piston up in cylinder.	planet gears thange the vertical motion into a
1833	Factory Act- Stopped children under 9 working in	George Stephenson	Inventor, who deve Rocket.	no developed steam trains including the		circular one - which turns the wheel.
	factories.		ال بن بن سسوية وير	oddion middow wildow		
1833	Brunel opened the Great Western Railwav	Ada Lovelace	world's first compu	world's first computer programmer.		
1876	Alexander Graham	Isambard	Inventor designed	Inventor, designed railways, bridges, ships and		
	Bell invented the telephone.	Kingdom Brunel	communication ca	communication cables from Britain to America.	1 Water turns to	

motion into a circular one – which turns the wheel. 4 'Sun-and-planet' gears change the vertical Wheel attached to belts that drive factory machines. ere, up down. steam,

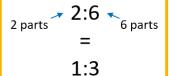
Questions

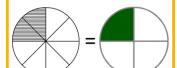
- What was the industrial revolution?
- How did the invention of the steam engine change people's lives? Why did the industrial revolution start in the UK?

		Kov Morde	Doğuşt			
-		spiow sev	Delimition		Industrial revolution:	Volution:
HISTORY	>\ <u></u>	Back to Back	A housing system that was built around a c	nat was built around a courtyard where houses	Living and w	Living and working conditions,
	_	Honses	were built back to back.		disease, crir	disease, crime and punishment
Chrono	, and	Typhoid	aused by	contaminated water. Gives headaches, fever and		
-	logy		diarrnoea.		Key People	Role
1749 The Bo	The Bow Street	Tuberculosis	Disease of the lungs, causes shortness of breath and chest pains.	breath and chest pains.	ney i copie	alox
\dashv	Runners set up.	Cholera	Caused by contaminated water. Gives diarrhoea, makes people turn	rhoea, makes people turn	Edwin Chadwick	Wrote a report about poor
1823 Prison Reform	Reform		black and blue.			conditions in towns and cities
Act. Jai	Act. Jailers were	Classes	Divisions in society based on income, hous	based on income, housing, family tradition and		thought diseases were caused
paid by the	the		social life.			by bad air and deaths happen
governi	government not	The Watch	People in bigger towns that were paid to patrol the streets at night.	atrol the streets at night.		where there is polluted water.
Male and fem	Male and female	Magistrates	Volunteers that could question suspects in court and punish people for	court and punish people for		
prisone	prisoners were		minor crimes. They would send more serior	would send more serious crimes to professional	wonS ndol.	Made the link hetween
kept se	kept separately.		courts.			contaminated water and Cholera
1829 The Me	The Metropolitan	Constables	Unpaid volunteers who would organise the watch and help	watch and help		containing of water and create.
Police F	Police Force set		magistrates by catching criminals.		Florence	Led a team of nurses during the
.dn		Capital Offence	Crime that you could be executed for committing. Often by public	nitting. Often by public	Nightingale	Crimean War. improved
1831 First major	ajor		hanging.))	conditions for soldiers and then
Cholera	Cholera outbreak	Transportation	Being sent overseas often to the USA or Australia after being	ustralia after being		revolutionised nursing in Britain.
\rightarrow	<u>.</u>		convicted of committing a crime.			
1842 Chadwi	Chadwick's report	The Metropolitan	Police force set up in London.		Robert Peel	Set up the Metropolitan Police
Into cor towns 3	Into conditions in	Police				Force.
1848 The Pul	The Public Health	▼ A The 'social		Booke		
	wed	pyramid'.	<	• Hard Times by	Elizabeth Fry	Prison reformer. She taught
council	councils to spend		(sa	Charles Dickens		women and children in prison
public n	public money on	The very rich	rich / (About	 Street Child by 		and campaigned for better
cleanin	cleaning up towns			Berlie Doherty		conditions in prisons.
\dashv	es.	The upper class	_	• I ne Adventures of		
1854 John Sr	John Snow finds			IIIE New Cut Gallig by Phillip Pullman	Jack the Ripper	Serial killer in Whitechapel who
that Ch	that Cholera was	Upper middle		- ya		was never convicted.
cansed by	by .	class	(About			
contaminated	contaminated drinking water	Lower middle	Z million	Questions		
1888 Jack the	Jack the Ripper	class		What effect did the changes in living or booth during the industrial revolution?	anges in living co	What effect did the changes in living conditions have on people's
kills at least 5	least 5	M	A MA (About	Why did Britain peed :	a police force duri	meaning une modes a revolution : Why did Britain need a police force during the industrial revolution?
women in	in	Working / Class	15 millio, people)	What can we learn fro	m how disease w	What can we learn from how disease was dealt with during the
London				industrial revolution?		

Year 8 Knowledge Organiser **RATIO**

Key Concept





$$\frac{2}{8}=\frac{1}{4}$$

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 value.

Convert: Change from one form to another.

Examples

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

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

dividing by 20. 3:2:5

£10:£35

Share £45 in Joy and Martin share money 2:7 in the ratio 2:5. Martin gets the ratio 2:7 5 | 5

£18 more than Joy. How much do they each get? $45 \div 9 = 5$

> $18 \div 3 = 6$ £12:£30

6

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 2) a) 1:2 b) 1:1.5 c) 1:x + 13) 24:40 4) $^{1}/_{5}$

Year 8 Knowledge Organiser **UNIT CONVERSION**

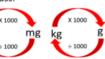
Key Concepts

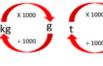
















Speed = Distance ÷ Time

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 $30 \times 10 = 300 \text{mm}$

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

Convert 10 miles to km 5 miles = 8 km 10 miles = 16 km 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) 3000m to km
- Convert a) 5 gallons to litres b) 8.8 pounds to kg 2)
- 3) 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 Knowledge Organiser FOUR OPERATIONS WITH FRACTIONS

Key Concept

Mixed numbers

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

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

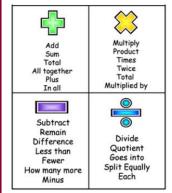
$$=\frac{20}{5}+\frac{3}{5}$$

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

An improper fraction

is when the numerator is larger than the denominator.

Key Words



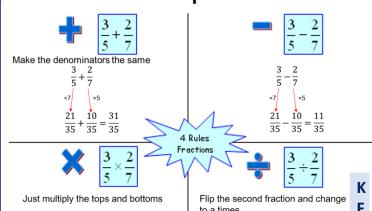
A reciprocal is the value that when multiplied by another gives the answer of 1.

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

Tip

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

Examples



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

to a times

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

Sparx Maths

Clip Numbers M157, M197, M110. **M265**

1)
$$\frac{2}{7} + \frac{5}{8}$$
 2) $\frac{7}{9} - \frac{2}{5}$ 3) $\frac{3}{7} \times \frac{4}{9}$ 4) $\frac{3}{11} \div \frac{14}{22}$
What is the reciprocal of: 5) $\frac{2}{3}$ 6) 9 7) 0.75

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 Knowledge Organiser **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 into an improper fraction:

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

An integer is a whole number.

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

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

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

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

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

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

$$= \frac{5}{3} + \frac{9}{4}$$

$$= \frac{5}{3} + \frac{9}{4}$$

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

$$= \frac{4}{3} \times \frac{11}{4}$$

$$=\frac{47}{12}$$

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

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

$$=\frac{8}{3}-\frac{5}{4}$$

$$=\frac{32}{12}-\frac{15}{12}$$

$$=\frac{17}{12}$$

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

$$1\frac{1}{2}\times2\frac{3}{4}$$

$$=\frac{4}{3}\times\frac{11}{4}$$

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

$$=3\frac{8}{12}$$

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

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

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

$$=\frac{7}{3}\times\frac{5}{8}$$
 ...and multiply

$$=\frac{35}{24}$$

$$=\frac{}{24}$$

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

Examples

Sparx Maths

Clip Numbers M157, M197, M110, **M265**

Key Words

Fraction Equivalent Reciprocal Numerator Denominator Improper/Top Heavy Mixed Number

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)
$$3\frac{1}{5} \times 1\frac{2}{3}$$

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) $\frac{3}{45} = \frac{1}{15}$

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 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 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 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 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 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 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 4 beats of 2 beats of Value silence silence 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. Rhythm in Music Rest Values- UK Symbol semibreve rest •The accompaniment – Primarily traditional Blues music is a singer with a guitar, although later jazz bands were used to accompany. minim rest Term Poor a •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. MUSIC: YEAR 8— UNIT 3 Robert Johnson in 1922 and the 'Chicago Version' recorded by Howlin' Wolf in 1966. THE BLUES •The voice, - often 'husky' with some use of 'Scat' singing and improvisation. Prominent Blues Musical Features Value 4 beats 2 beats Rhythm in Music Note Values- UK Symbol 0 A Brief History "The Blues"!. sembreve Ferm MINIM

MUSIC: YEAR 8- UNIT 3 THE BLUES

Prominent Blues Artists





1893-1929



Robert Johnson 1911-1938



Bessie Smith 1894-1937



1910-1976



John Lee Hooker 1917-2001

The 12-bar Blues

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

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

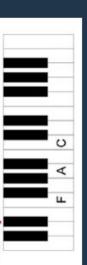
$\mathbf{C}_{(j)}$	C(i)	Cii
C ⁽¹⁾	C ⁽¹⁾	C(I)
C(II)	F _(IV)	F (IV)
C(I)	F (IV)	G (v)



steady 'walking-pace' beat with Under the 12-Bar Blues Pattern the melodic pattern rising and falling almost symmetrically. the bass line often keeps a Walking Bass

This constant speed gives the meaning and style to what is known as a "Walking Bass"





B

8.3 KS3 Core PE Knowledge Organiser: Exercise Intensity

	Key Term	Heart Rate (HR)	Resting Heart Rate (RHR)	Maximum Heart Rate (MHR)	Recovery Heart Rate
Key Terms	Definition	The number of heart beats per minute , measured in beats per minute .	The number of heart beats per minute (at rest) , measured in beats per minute.	The maximum number of beats your heart can beat per minute. This is measured in beats per minute. This is calculated as 220 - age.	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 Zones		220 Masinas M.	minute) Anaerobic Zon	t rate (beats per 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	80 10 20 30 40 50 60 Age

	A 220	180	160	140	120	00	88	,
Training Zones		17816	- cane 80.90%	Aerobic zn.		901	20 20 40 50 60 70 RD	Age
	Man	/ /					10	
	220		n neg etr B	590) 91 5	61 Л69H 5	100	98	
	_	(=,,-		- 1/ -1	1.00			_

	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

rked

vould be 220-20 (his age) = 200bpm (1). The aerobic target zone is thletes aerobic target zone would be between 120 and 160bpm. If 0-80% of the MHR (1). 60% of 200 is 120, 80% is 160. (1). So the irst you need to calculate the athletes maximum heart rate which ney were in this range they would be working aerobically (1) vorking on their endurance (1).

Calculate - Requires computation in relation to fitness data

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
- 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

Your Turn: Try these questions

1) Define the term heart rate. 2) How would you develop muscular strength? 3) 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

8.4 KS3 Core PE Knowledge Organiser: Components of Fitness

	Components of Fitness	Worked Examples – For each component state an athlete that would
Component	Definition	use it 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 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	ese questions	Explain - Requires a

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.

justification/exemplification of a point. The answer must contain some linked

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 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 $11^{
m th}$ 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. bronchus Outer pleura - Diaphragm Bronchioles Inner pleura The Lungs Windpipe (trachea) bronchus Alveoli Right . Ribs -

Left side of DOUBLE CIRCULATORY SYSTEM rungs The The Body Right side deoxygenated blood to of heart The right side pumps **Blood passes through** oxygenated blood to The left side pumps the heart twice. the lungs. 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.

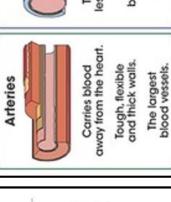
Red blood cells Carbon Have a good blood supply Have a large surface area Have very thin walls This helps the gases move quickly by diffusion.

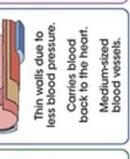
CIRCULATORY SYSTEM

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

Capillaries

Veins

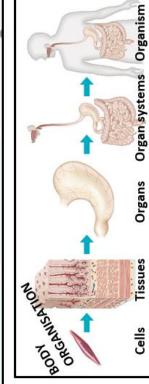




Exchanges oxygen and waste with the blood.

blood vessels. Walls are only one-cell thick.

The smallest



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)

Alveoli:

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

Saliva

Stomach

Digestion

Tier 2

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

Liver - Produces bile

Pancreas - Produces enzymes and insulin

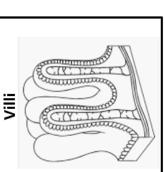
Small intestine - Digestion of carbohydrates, fats and

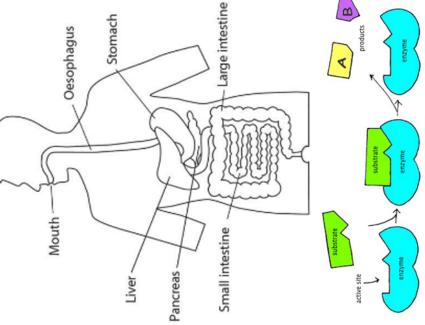
proteins (chemical digestion)

absorption of nutrients via villi

Large intestine - Absorption of water

Villi are finger-like projections with a large surface area to aid absorption of nutrients into the blood.





Red Blood Cells

Ventilation

Breathing

Combustion Respiration

Slood Vessels

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

Enzymes

Starch; lodine solution turns black

Food tests

Small Intestines

ngestion

Liver

Oesophagus

Faeces

Large Intestine

Egestion

Enzyme Catalyst Plasma

Salivary glands

Tier 3

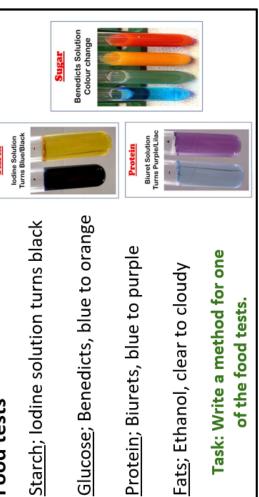
molecules.

carbohydrates.

Carbohydrates

Lactic Acid

Anaerobic Capillaries



Protein; Biurets, blue to purple

Task: Write a method for one

of the food tests.

Fats; Ethanol, clear to cloudy

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.

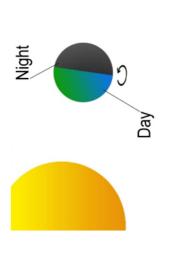
a result there are times that the UK is there are times when the UK is facing complete one rotation on its axis. As facing away from the sun (night) and It takes 24 hours for the Earth to towards the sun (day)

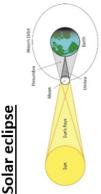
of the Solar

System.

The star at the centre

The Sun





and those in the penumbra blocks sunlight. The part of experiences a total eclipse shadow cast by the Moon the Earth in the umbra which fully or partially when a portion of the A solar eclipse occurs Earth is engulfed in a see a partial eclipse.

Satellites

Year 8 Topic 2 Physics

Knowledge Organiser

orbits the earth or another or navigation. The Moon is for communication, media artificial satellite is a manmade object in orbit, used A satellite is a body that artificial or natural. An planet. They can be a natural satellite.

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

Planet

Earth

Orbit

Star Sun

Weight

Ellipse

Lunar eclipse

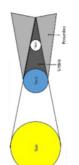
-uminous Universe

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

Tier 3 Vocabulary

Solar System

Satellite



Lunar Eclipse

Asteroid

Solar Eclipse

Heliocentric Model

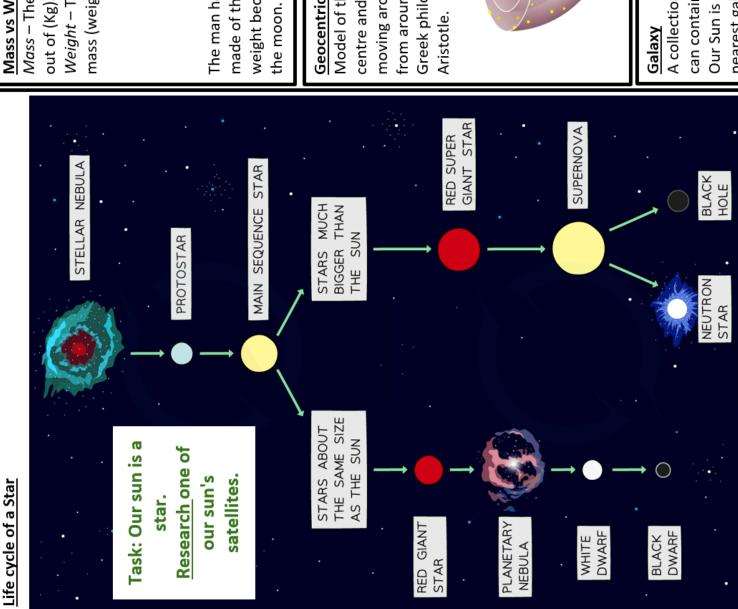
Model of the universe with the Samos in the 2nd century BC proposed by Aristarchus of Sun at the centre. First



and later by Copernicus in the 16th century.

Constellation Exoplanet Asterism Meteor Gravity Galaxy Comet





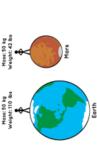
Mass vs Weight

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

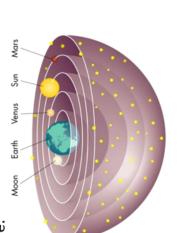
confirmed

Constellations

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

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.



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.

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

Y8 Spring term Knowledge Organiser Spanish

Unit 3: La comida - Food

Key sp	Key spellings	¿Qué	What do you have for	or En el mercado - Role play	- Role play	At the market –
Learn these spellings, they will be really	s, they will be really	desayunas/comes/cenas?	•			Role play
useful for this unit and you will be tested	d you will be tested	Desayuno	For breakfast I have.	¿Qué quiere?		It was
on them.		Como/Almuerzo	For lunch I have	Ouiero comprar		I want to buy
1. desayuno	for breakfast I	Ceno	For dinner I have	cien dramos de tomates	tomatec	100g tomatoes
- 1	eat	cereales	cereal	docriontoc gran	Schilland and	200g comacos
2. ceno	for dinner I eat	tostadas	toast	doscielitos granios de uvas	los de avas	Zoog grapes
3. voy a tomar	I'm going to have	café	coffee	trescientos gramos de pan	nos de pan	300g bread
4. voy a beber	I'm going to drink	yodur	yoghurt	medio kilo de pimientos	mientos	0.5kg red peppers
5. voy a comprar	I'm going to buy	té	tea	rojos		
		zumo (de narania)	(orange) juice	un Kilo de cebollas	as	1kg onlons
Key vocabulary and questions	and questions	un bocadillo	a sandwich	dos kilos de manzanas	nzanas	2kg apples
		pollo con ensalada	chicken with salad	una botella de limonada	monada	a bottle of lemonade
¿Qué te gusta	What do you like	sopa	dnos	un paquete de tortillas	ortillas	a packet of tortilla
comer y beber?	to eat and drink?	natatas fritas	chins			wraps
Me gusta/No me	I like/don't like	helado de fresa	strawhemy ice cream	una lechuga		a lettuce
gusta		2	these Chanish foods and name	Cuánto es?		How much is it?
el agua	water		opamism rocus and manne paella tortilla española		con veinte	It's 10€20
el arroz	rice	Cola Cao.	,	Can you remen	nber all your	Can you remember all your numbers, including
la came	meat	En el restaurante -	At the restaurant –	how to form nu	imbers past 1	how to form numbers past 100? Practise them at
la fruita	ferrit	Role play	Role play	поше.		
la liuta	ıınıı	/ Oué va a tomar	What are vou going to	Key grammar –		The near future
la leche	milk		have?	Jse the near future to	talk about wha	Use the near future to talk about what is going to happen (I
el marisco	seafood	de primer plato	to start	am going to eat, he is	poing to buy, v	am going to eat, he is going to buy, we are going to dance)
el pescado	fish	de segundo plato	for a main collece))
el queso	cheese	de seguindo piaco	ocinonisconisco	This tense is formed by 3 parts, make sure you have all of	/ 3 parts, mak	e sure you have all of
Me distan/No me	l liko/don't liko	de postre	Tor dessert	them to use it correctly.		
gustan	(plural)	Voy a tomar	I'm going to have	1 The precent tence of ID (the york to go)	se of ID (the	orb to go)
las verduras	vegetables	¿y para beber?	and to drink?			(26.00)
los caramelos	sweets	Voy a beber	I'm going to drink	An infini	b (ending in -	ar/er-ir)
las hamburguesas	hamburgers	¿Algo más?	Anything else?	1. The 2. 'a'	3. An	
los huevos	eggs	No. nada más	9	present tense of IR	verb	
porque es/son	because it is/they	La cuenta, por favor		Voy		I am going to eat
(a)a/aasiailah	are	Tongo hambro		Vas	bailar	You are going to dance
delicioso/a(s)	delicions	aligo llalible		Va	llevar	(S)he is going to wear
asqueroso/a(s)	disgusting	Tengo sed	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 me	nu we saw in	Vais	comprar	You (pl.) are going to buv
				Van	beber	They are going to drink
			1			0 6 6

nowledge Organiser

rn K	Ê	Tengo	lavarme	cuidar	herman	hacer lo	ordenar	dormito
Y8 Spring term K	Key spellings	Learn these spellings, they will be really useful	for this unit and you will be tested on them.	I wear	Would you like to?	I would like to	I can't	I have to
panisn	Key	Learn these spellings	for this unit and you w	1. llevo	2. ¿Te gustaría?	Me gustaría	4. no puedo	5. tengo que

Key vocabulary and questions

¿Quieres salir?	Do you want to go out?
¿Te gustaría ir?	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	Greati
Sí, me gustaría	Yes, I would really like
mucho	to
jNi hablar!	No way!
¡Ni en sueños!	In your dreams!
No tengo ganas	I don't want to
jQué aburrido!	How boring
Lo siento, no puedo	Sorry, I can't
Don't forget to use or	Don't forget to use one of the excuses if you
say you can't go.	

Excusas	Excuses
Tengo due	I have to
lavarme el pelo	wash my hair
cuidar a mi	look after my brother
hermano	
hacer los deberes	do homework
ordenar mi	tidy my room
dormitorio	
pasear al perro	walk the dog
salir con mis padres	go out with my parents
No quiero	I don't want to
No tengo tiempo	I don't have time
No tengo dinero	I haven't any money

¿A qué hora?	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	I shower
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	lk about your
routine: primero, luego, después,	go, después,
finalmente	

Unit 4: Las	Unit 4: Las salidas - Outings
¿Dónde quedamos?	Where shall we meet?
delante de la cafetería	in front of the café
al lado del museo	next to the museum
enfrente de la bolera	in front of the bowling alley
detrás del polideportivo	behind the sports centre
en tu casa	at your house
Can you spot the rule for using del or de la here?	ing <i>del</i> or de la here?

¿Que vas a llevar?	What are you going to
	wear?
Normalmente llevo	Normally I wear
Voy a llevar	I'm going to wear
una camisa blanca	a white shirt
una camiseta naranja	an orange T-shirt
un jersey amarillo	a yellow jumper
una sudadera verde	a green hoodie
una falda rosa	a pink skirt
un vestido morado	a purple dress
una gorra gris	a grey cap
unos pantalones negros	some black trousers
unas botas marrones	some brown boots
unos vaqueros azules	some blue jeans
unos zapatos de muchos	some multicoloured shoes
colores	
unas zapatillas de deporte	some trainers
Remember that the adjective comes after the noun in	comes after the noun in
Spanish and needs to have the correct ending	e correct ending
(masc/fem/plural)	

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

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
Aluminium	Non-Ferrous (Does not contain iron)	Does not rust Lightweight Easy to cut and shape	Relatively expensive
Copper	Non-Ferrous (Does not contain iron)	Good conductor of heat and electricity	Corrodes Relatively expensive
Pewter 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

	_	Timber	
Туре	Example of	Advantages	Disadvantages
Pine	Softwood	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
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 can splinter

Wrought iron, pig iron, mild steel. stainless	Contain iron Magnetic (most)		Spec
steels	• Rust	Durable	To be
Non-Ferrous		Malleable	To be shape
Copper, tin, silver, gold, aluminium, bronze, nickel	Do NOT contain iron Are NOT magnetic Do NOT rust	Strength	To wit
		Toughness	To not
Alloys			snap
	-	Hardness	To wit
Solder, Pewter, Brass	 Mixture of more than one element Combining 2 metal improves properties 		scrato

	Specific Language and Terms	uage and	Terms
Durable	To be long lasting	Thermal	To be able to conduct or insulate heat
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

	4									4
uipment	Drawing a line at 90	degrees OR checking a corner is square (90 degrees).	Sawing straight lines	III WOOD.		Sawing straight cuts in metal.		Shaping or smoothing a piece metal or	plastic.	Holds work still and
Tools and equipment	Try Square		Tennon Saw			Hack saw		Flat File		Vice
					(*			
oment	To protect your	clothing from soiling or from being caught in machinery/tools.	Protect your eyes from dust particles or any other flying	debris from machining.	To protect your ears	when using loud machinery.	Protect your hands- particularly from heat when brazing or	treatments.	To protect your breathing when working with dusty or	hazardous materials.
PPE Equipment	Apron		Goggles		Ear	Derenders	Gauntlets		Dust Mask	
Specific Language	and lerms	Personal Protective Equipment	A danger or a risk	British Standards	Institute	Assures consumers that the product is	safe and has been tested by the BSI	Assures	the product meets European	safety standards
Specific	and	PPE	Hazard	BSI		Kitemark B	>	CE mark	9	

Hand tools:

	Tools and equipment	lipment	
	Try Square	Drawing a line at 90 degrees OR checking a corner is square (90 degrees).	
2	Tennon Saw	Sawing straight lines in wood.	
	1000		
	nack saw	Sawing straignt cuts in metal.	
	Flat File	Shaping or smoothing a piece metal or	1
		plastic.	\
	Vice	Holds work still and	
		drilling, filing etc.	







Yellow; Warning, Risk of danger Red: Prohibition, Do Not - Stop Blue: Mandatory, Must obey

Green: Safety, Means go

Walk safely and calmly Keep your work area and around the classroom/ workshop.

clean up properly after Report all spillages & yourself.

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	Disadvantages
	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 software is con learn
	holes in materials.		mould.		Designs or part of designs can	Software can be ven
Disc Sander	Is used for shaping and finishing wood It	Hegner saw	A small electrical saw	1	be easily copied or repeated	expensive
	consists of an electric motor that turns a disk of sandhaner		with a thin blade used to cut a variety of		Designs can be worked on by remote teams simultaneously	Compatibility issues software
			thin sheet materials		CAD is very accurate	Work can be lost if n up
Laser Cutter	A CAM machine that engraves and cuts through material using a high powered	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 Manufacture	Manufacture
			pidstic		Advantages	Disadvantages
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	Training is required t CAM
	a high shine.		models using thin layers of plastic		Consistency and accuracy – all parts manufactured are all the same	High initial outlay co: machine
					l oce mistakoe thoro is no	Lose of jobs for paor

Specific L	Specific Language and Terms
Machinery	Mechanical or electrical device designed to be used to perform a function.
САБ	Computer Aided Design
САМ	Computer Aided Manufacture
Software	The programs used by a computer

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
 Advantages	Disadvantages
Quick – speed of production can be increased	Training is required to operate CAM
Consistency and accuracy – all parts manufactured are all the same	High initial outlay cost for machine
 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:







KS3 Knowledge Organiser – **Year 8**

Creating Ideas and Drawing:





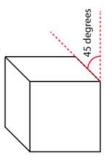








Opposite is a cube that **Oblique Projection**



main steps below: 2. Project 45

Projection follow the three

To draw it in Oblique

Oblique Projection. has been drawn in

degrees lines from each

front or side 1. Draw the view of the object.

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

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

Crating

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,

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.

These stairs have been drawn in isometric.

Parallel lines

Drawing must show 3 sides of the

Isometric Rules:

30 Degrees

Drawing to scale object drawn

The drawing of a crate (box) using construction lines that allow a drawing to be created to scale within it.

50

Scruffiti

S	Specific Language and Terms	Mechanisms				
Mechanical System	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.	f lock n one	
Mechanism	Is a device that transforms input forces and movement into a desired set of output	Pulleys	Pulleys are like	Pulleys are like gears, but the wheels do not	do not	-
	forces and movement.		lock fogether.	lock together. The wheels are instead joined	joined	•
Machine	A system of mechanisms working together.		together by a to affect the s	together by a drive belt. Pulleys can be used to affect the speed, direction or force of a	oe used e of a	
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 firmly pressure is app	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 Id when	load fulcrum
Forces			Types of Movement	ement		
Force	Definition	Example	Mofion	Definition	Example	
Compression	A pushing or squashing force	Mattress springs	Linear	Moves in one	Bike, car, train	din
Tension	A pulling or stretching force	Tug of war rope		direction		Î
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 ma	Sewing machine needle
Bending	When two forces act in opposite directions	Beam bridge		motion		
→		\	Rotating	Moves in a circular motion	Car wheels, pedals	, pedals
~	<u></u>					
compression te	tension bending torsion shear					

Notes

Notes

Notes

Core British Values

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 recognise that it is unacceptable to dismiss the beliefs and opinions of anyone.
- I understand that discussions about sensitive issues will be controlled and structured.
- ussions will be red.

 Tolerance s
 - I recognise that I am as responsible for my learning as my teacher.
- I take responsibility for all of my actions – good or bad.
- We all have a responsibility to promote and protect the wellbeing of others.

Responsibility

I am free to think as I see fit.

Liberty

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

Law

- I recognise that everyone is entitled to their opinion as long as it does not promote extremism.
- I understand that everyone is entitled to a voice within the classroom.
- I will listen to others as I would like to be listened to.



I recognise that there will be consequences for my

actions

I understand that the school rules are used to mirror society laws and must be respected.

Social - Moral - Spiritual - Cultural



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 Cyber-bullying

Organisation: Child Net

Website: www.childnet.com/

Theme: Safety, support and abuse Organisation: Childline Phone: 0800 1111

Website: www.childline.org.uk

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

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

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

Helpline)

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

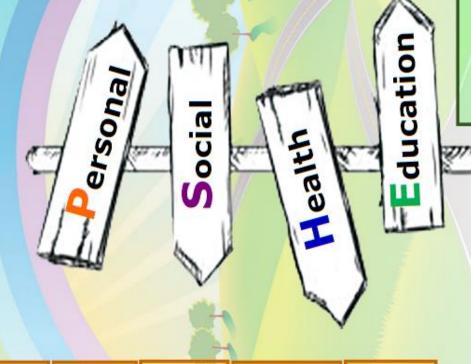
Theme: Support and help for runaways Organisation: Runaway Helpline

Phone: 116000

Website: www.runawayhelpline.org.uk



STAYING SAFE



Theme: Health, Wellness and Mental Health Organisation: NHS

Website: www.nhs.uk Phone: 111

Theme: Mental Health, Wellness and self-care

Organisation: Young Minds **Text line:** 85258 Website: www youngminds.org.uk

Theme: Healthy teen relationships Organisation: Act on i

Website: www.actonitnow.org.uk

Website: www.stonewall.org.uk Organisation: Stonewall Theme: LGBTQI+

Theme: LGBTQ+ Equality

Website: https://thekitetrust.org.uk/ Organisation: Kite Trust (Cambs)

Organisation: Norfolk LBGT+ Project Theme: LGBTQ+ Equality

Website: https://norfolklgbtproject.org.uk/

Phone: 01603 219299

Cheme: Finance

Organisation: Barclays Life Skills Website: https://barclayslifeskills.com/young-people/

Careers:

Unifrog - www.unifrog.org

Help you choose: https://helpyouchoose.org/content/

National Careers Service: https://nationalcareers.service.gov.uk/

UCAS: https://www.ucas.com/explore/career-compass

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









