

KS3 MATH'S CHALLENGE

Set by the Mathematics Department



ST CLEMENT'S HIGH SCHOOL

Math is everywhere! Your second challenge is to support this statement, by looking specifically at shapes found around you. For each criteria, write what you saw (draw and/or photograph if you can) and the date. Bring the completed sheet to your first math's lesson for achievement points.

A tile design (hint: maybe inside a Church or an old building):

A set of parallel lines:

A symmetrical road sign:

As many different mathematical shapes you can see:

Something natural with a line of symmetry:





Math is everywhere! Your first challenge is to support this statement, by looking specifically at numbers found all around you. For each criteria, write what you saw and the date. Bring the completed sheet to your first math's lesson for achievement points.

| Look EVERYWHERE can you find an example of a..... | What did you see? Where did you see it? | Date |
|---|--|------|
| Price containing a 7 | <i>For example - Mrs Towle's favourite cheese "Pilgrims Choice Mature Cheddar" - £3.75</i> | |
| Square Number | | |
| Factor of 24 | | |
| Multiple of 4 | | |
| Prime Number | | |
| Price that rounds to £30 | | |
| Offering a 10% discount | | |
| Price less than the $\sqrt{100}$ | | |
| An odd number | | |
| The number 42 | | |

