



## Maths during the summer (L1, L2)



Maths is everywhere!

Try some of these suggestions to keep your maths skills going during the summer break.

- Work on your revision materials.
- When you go shopping for food, look at the labels and convert from grams to kilograms, millilitres to litres.
- Round prices to the nearest 10p and try to estimate how much the total will be.
- If there are any sales on, try to change the discount from a percentage to a fraction or a decimal. Can you work out the discount? And the sale price?
- If you watch television or if you have a newspaper, look at the weather forecast or tables of world weather temperatures. What is the range of temperatures?
- Buying ice creams or cold drinks? Work out the total cost in your head.
- Swimming? Estimate the length and width of the pool. How far did you swim?
- Visiting old houses or museums? Look out for interesting 2D shapes such as Roman tiles. How many corners? Are they symmetrical? Do they tessellate?
- Look at any charts or graphs in the newspapers (in the sports or business sections). Can you understand them?
- Going on a trip? How far have you been? Add up the miles you travel using mileages on motorway road signs or maps. How does this compare with mileage recorded on the car milometer (remember to take a reading before you set off!). Work out how many miles your car does per litre of petrol/diesel.
- Using public transport? Check timetables and work out your total journey time.
- Going abroad? Work out exchange rates and time differences.
- Find out what sun protection factors mean. Work out how long you can stay safely in the sun.
- Use a calendar to mark off your holiday dates – and when you return to college!
- If you have the internet, try some of these links or download a maths app to your phone:

<https://www.bbc.co.uk/teach/skillswise> for Level 1 or

<https://www.bbc.co.uk/bitesize/subjects/z38pycw> for Level 2 / GCSE.

<https://www.excellencegateway.org.uk/interactive-resources/numeracy> has equivalences, metric units, time, area, ratio, etc. (scroll down to the L1-L2 sections).

<https://www.topmarks.co.uk/maths-games/hit-the-button> for mental maths skills (square numbers, division skills, etc.).

[https://www.transum.org/Software/Transum\\_Topics.asp](https://www.transum.org/Software/Transum_Topics.asp) has lots of maths to explore including [https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/students/Basic\\_Multiplication.asp](https://www.transum.org/software/SW/Starter_of_the_day/students/Basic_Multiplication.asp) for multiplication (try levels 7 and 8)

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/students/Basic\\_Division.asp](https://www.transum.org/software/SW/Starter_of_the_day/students/Basic_Division.asp) division including word problems (try levels 7 and 8).

Can you think of any more ideas?