

So you think numbers are not fun?



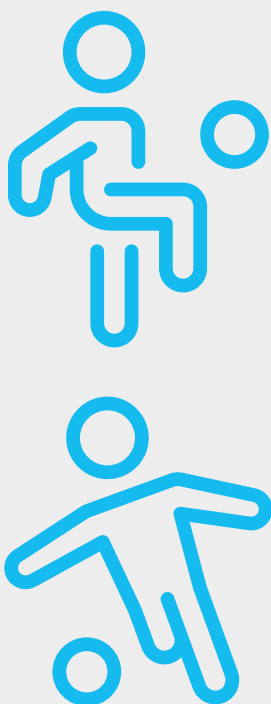
Numbers are all around us, and they help us all to do the things we enjoy!

When you think about it, there are lots of ways that we use numbers when doing our favourite hobbies and sports.

Have a look at the hobbies below and think about how you would use numbers when doing them.

We've done one example for you to give you some clues – try to think of as many answers as possible.

Football



- Using the league table to work out how many points a team might need to win the league
- Understanding distances on the pitch
- Recognising shapes on the pitch, such as the centre circle
- Understanding time, using the 90-minute game-time
- Probability in a cup draw
- Looking at statistics – e.g. possession percentages

Can you think of any others? Add them here:

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So you think numbers are not fun?



Baking or cooking



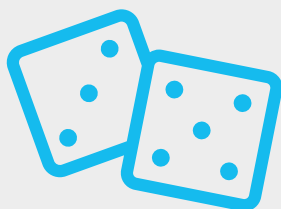
Uses maths:

Painting



Uses maths:

Board games



Uses maths:

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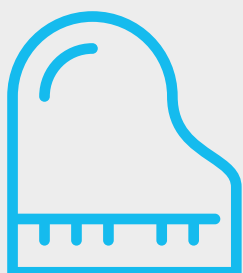


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So you think numbers are not fun?



Music



Uses maths:

Rugby



Uses maths:

Swimming



Uses maths:

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So you think numbers are not fun?



Your favourite hobby

A large, empty white rectangular box intended for drawing or writing about one's favourite hobby.

Draw your favourite hobby! What is it? How does it use maths?

A large, empty white rectangular box intended for drawing or writing about how a hobby uses maths.

A family member's favourite hobby

A large, empty white rectangular box intended for drawing or writing about a family member's favourite hobby.

Draw your family member's favourite hobby!
What is it? How does it use maths?

A large, empty white rectangular box intended for drawing or writing about how a family member's hobby uses maths.

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Example answers



These pages are for adults helping children with this activity

Below we have provided some possible answers, but this is not a full list as there are many possible uses of maths in each activity. In general, any reasonable response should be encouraged.

To help your child, use the following to give pointers:

- How is time used in the hobby?
- Is money needed – to buy things or make decisions?
- Is data useful in any of them – such as information using numbers, league tables, graphs or charts?
- Would you need to use measurements – such as weights, heights or lengths?
- Where can you see shapes?
- Are there any calculations needed? Is it useful to add things together or divide things up? Is a percentage needed anywhere?

Possible answers

Baking or cooking

- Using complex timings to ensure everything is ready at the right time
- Weighing and measuring ingredients
- Understanding recipes
- Multiplying ingredients to bake products for the right number of people

Painting

- Mixing paint colours with the right ratios
- Ordering the right size canvasses and/or frames
- Understanding proportion to keep paintings lifelike
- Estimating the amount of paint needed to make sure there is enough of each colour

Board games

- Keeping score in Scrabble
- Using money in Monopoly – knowing when to buy a property and if you can afford it
- Understanding probabilities – what are the chances you would roll a double?
- Using coordinates in Battleships

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Example answers



These pages are for adults helping children with this activity

Possible answers continued

Music

- Counting beats and keeping time
- Understanding fractions used to indicate lengths of notes
- Planning and scheduling rehearsals
- Planning how many songs can be played at a show

Rugby

- Keeping track of the score
- Recognising players by their shirt numbers
- Using angles to kick for goal
- Checking out where your club are in the league

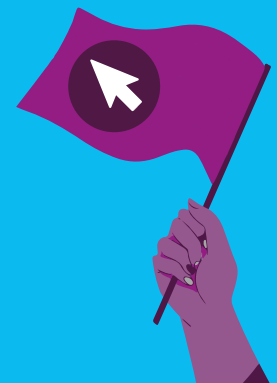
Swimming

- Using time to measure how fast you can go
- Using distance to understand lengths and widths to achieve your badges
- Estimating to set your targets
- Making sure that you get to the gala on time with enough time to get changed.
- When do you have to leave the house?
- How long do you allow to prepare for the race?

For adults

One of the best ways you can support your children's learning is to make sure you are confident with your numbers. Why not [click here to try the National Numeracy Challenge](#).

It's really helpful for us to get feedback on our work so that we can make sure we are helping people in the best way. You can tell us how Number Confidence Week helped you by [clicking here to complete this short survey](#).



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