



JORDANS SCHOOL

MATHS NEWSLETTER

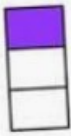
Year 2 Fractions



This newsletter is intended to help you to explain fractions to your children, as this is the maths area we have begun this week. We have given you some suggestions of activities, please do not feel you need to do all of them! If you do, try to focus on your child learning how to recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity. The information below should help you with this. Most importantly of all, please do have some fun whilst learning!

MATHEMATICAL VOCABULARY

Children are expected to know and use the correct mathematical vocabulary. Some of the key vocabulary is below, along with explanations.

fraction	numerator	denominator
Fractions are parts of whole things.  $\frac{3}{4}$ $\frac{1}{7}$	This is the top number in a fraction. It tells us how many parts we have. $\frac{3}{5}$ ←	This is the bottom number in a fraction. It tells us how many parts something was (or is) divided into. $\frac{5}{7}$ ←

USEFUL HOME LEARNING WEBSITES

All of the websites below have a selection of useful videos, explanations and worksheets to help your children understand fractions.



<https://whiterosemaths.com/homelearning/year-2/>

<https://www.bbc.co.uk/bitesize/topics/z3rbg82>

<https://nrich.maths.org/8939>

FUN ACTIVITIES TO DO AT HOME

As with all areas of maths learning, showing children how their new numeracy knowledge can help them in real-life scenarios is very valuable, and food is a fantastic fractions resource.

Try doing some pizza making – have them put different toppings evenly across a pizza. Then encourage them to work out, for example, if they've put 10 olives evenly on the pizza and cut the pizza into 5 even pieces, how many olives on each? Chocolate that is marked out in sections is another good edible resource. Ask your child to say how many sections would make up one third of the bar. If they answer correctly, let them eat that fraction. Ask them to find, for example, a quarter of the remaining piece for someone else to eat.

Another great activity, and something we really do use fractions for as adults, is working out recipe ingredients for a certain amount of people. Or perhaps bake a cake and when the cake is baked get your children to cut into in a half, then a quarter. Then enjoy eating it together!



PROBLEM SOLVING

Once your children fully understand what a fraction is, they should begin to practise using their knowledge by solving fractions in word problems, for example:



simple

Dolls are on special offer, they normally cost £10 each but have been reduced to half price. How much will one doll cost now?

Get your child used to reading through problems like this carefully, underlining important numbers and words. If they need to find a quarter of a number of objects, for example $\frac{1}{4}$ of 12, it is always a good idea to get them to actually count out 12 objects and then divide them into four equal groups. It may be a good idea to draw four circles on a piece of paper so that they are clear about how they are dividing the shapes. Have fun making up your own problems too.