

Maths

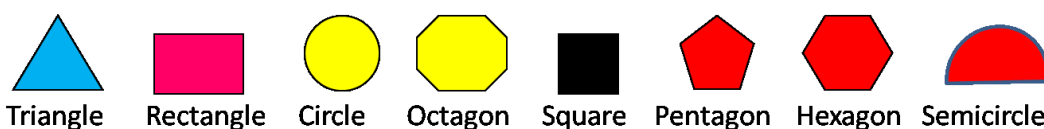
Activity One

Take a maths walk.

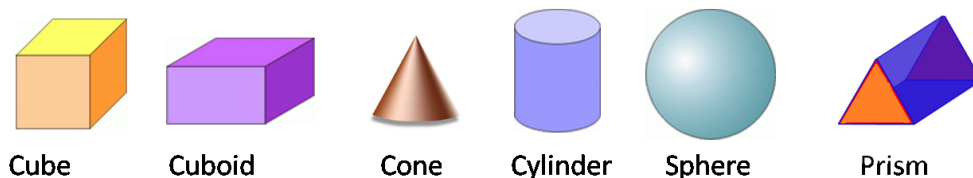
Go for a walk with members of your household - make sure you stay safe - and see if you can find:

- An obtuse angle, an acute angle and a right angle. Try to estimate the angle of the acute and obtuse angles
- Buildings, trees, flowers etc. with lines of symmetry - how many lines of symmetry do they have?
- Different geometric shapes - can you think of other shapes e.g. pyramids

2-D Shapes



3-D Shapes

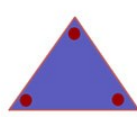


Types of Triangles

Try to find every type of triangle.

There are four main types of Triangles:
Equilateral, **Isosceles**, **Right**, and **Scalene**

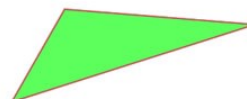
Challenge: look at a tree, estimate the angle of every branch.



Equilateral -
all three sides
are equal, and
all three equal
angles are 60



Isosceles -
two sides are
equal, and their
two base angles
are equal.



Scalene -
All sides and angles
are different sizes.



Right Triangle -
One of the angles is a
90 degree L shaped angle.

Activity Two

Try some of the activities from

<https://home.oxfordowl.co.uk/kids-activities/fun-maths-games-and-activities/>

or

<http://www.math-exercises-for-kids.com/maths-7.htm>

Practice the four rules of number and try the attached **summer number puzzles** - hint: if you are finding them tricky try going backwards and using the inverse operation.

Activity Three

Try making your own healthy fruit smoothie or fruit quencher drink. ***Make sure you check with an adult first and ask if they will supervise you/help you if you need to use a sharp knife or blender.*** You could create your own recipe or try the recipe from English activity three:

<https://www.youtube.com/watch?v=qADgmE8E1Ew>

Please **don't** post anything online (as suggested at the end of the clip).

If you create your own recipe make sure you measure liquid in millilitres (ml) and fruit in grams (g); make a note of the measurements.

Maybe you could conduct a mini survey first to see which flavours your household think would work well together.

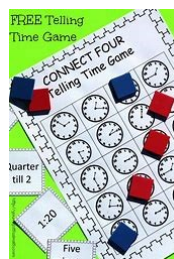
How many people does your fruit quencher serve?
Change the amounts to make a drink for one person,
or five people - or more! Remember to convert to
kilograms and litres for larger amounts.

Let us know what delicious flavour combinations you
find - make sure you tell us how many g or ml of each
ingredient we need so we can try them for ourselves- YUM!



Activity Four

Create your own maths game. Think carefully about an area of maths you would like to improve; are you going to create a game to help with mental maths strategies, fractions, times tables, shape, time, money or a different area of maths?



Could you use empty egg boxes to create a times tables game or draw a multiplication and division snakes and ladders board? Maybe you could use Lego to make a fractions game, or make a times tables memory matching cards game, perhaps you could chalk a clock in your garden (**check with your adult first**) and jump through times - your game might not need any resources at all - we'd love to see/hear about your ideas.

Play your maths games with your household - we hope you have fun with them!