

Year 3/4 Maths, Music, Art, Computing and History

Shape and Geometry - Please note you may want to go through each PowerPoint before starting to gain a better understanding. Remember, you can always 'go back' and check if you're struggling. Twinkl have an array of additional info that can help.

Name a variety of 2D/3D shapes and their properties using appropriate language.

2D

- View the: Recognise and describe 2D shapes PPT
- Complete the accompanying task

Play guess the shape. Someone asks a series of questions about a shape you're thinking of, the aim is to guess the shape accurately in as few questions as possible.

Typical questions

- How many vertices does it have?
- Does it have any parallel lines?
- Are any of its sides equal in length?
- Is it curved?

3D shape

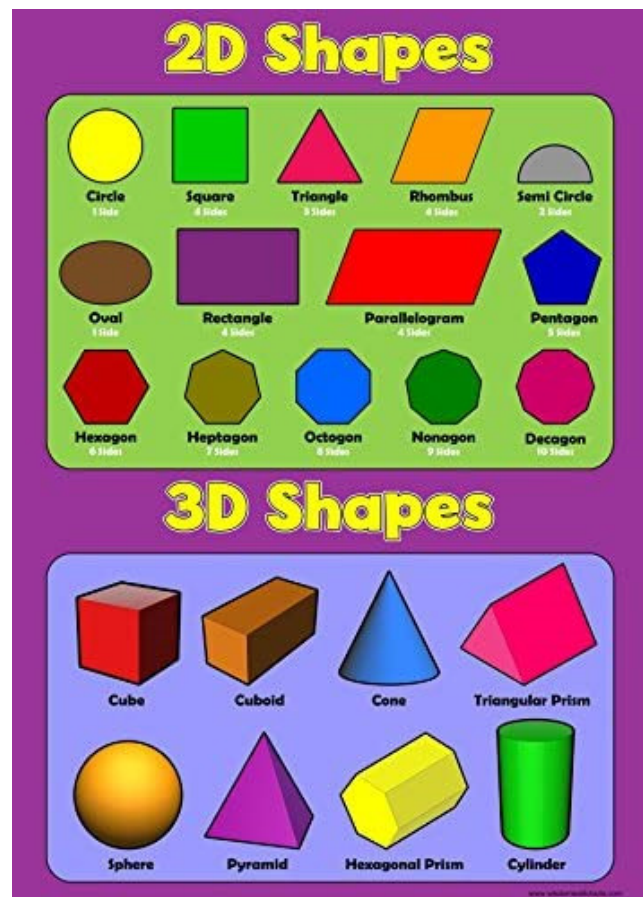
- Look at the PPT all about 3D shapes
- Complete the task sheet
- Can you create a true false card game or Question/Answer game all about 3D shape?

EXAMPLE

True or false

True or false? A vertex (plural vertices) is the surface of a shape

False- Vertices refers to the edges



- If you get the answer correct you get to keep the card. The winner is the person with the most cards.

EXTENSION

- Can you make your own game that will teach the younger years the properties of both 3D and 2D shape?

Draw lines accurately. (and in turn draw shapes accurately.)

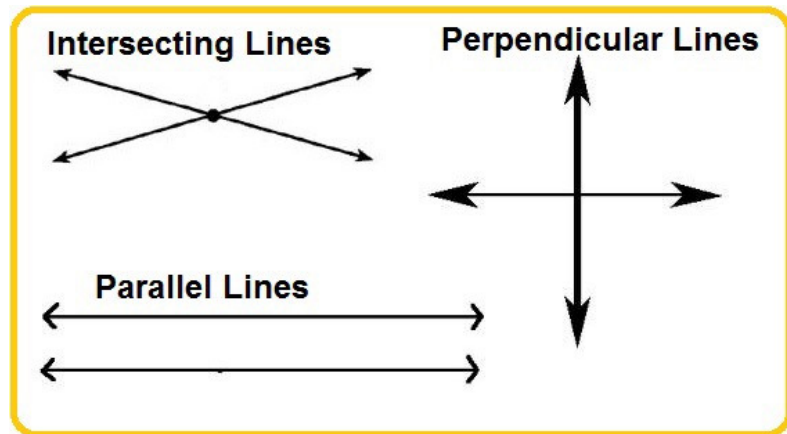
Look at PPT re: 'drawing accurately' and complete the ruler activity - Remember to think about where the ruler 'starts' and where the line 'ends' when measuring.

Adults, could you draw a line that starts at 2cm and goes to 4cm? The children may have the misconception that the line is 4cm long as they are prone to starting at the beginning of the ruler each time...However, the aim is for them to realise that if the line starts at 2cm and ends at 4cm it is only 2cm long. This is a common misconception and comes up a lot on test papers.

Complete the drawing accurately task which accompanies this task

Perpendicular and parallel lines

- See the PPT re: Parallel and perpendicular lines
- After looking at this can you find examples of each 'line' in the world around you?
Photograph them!

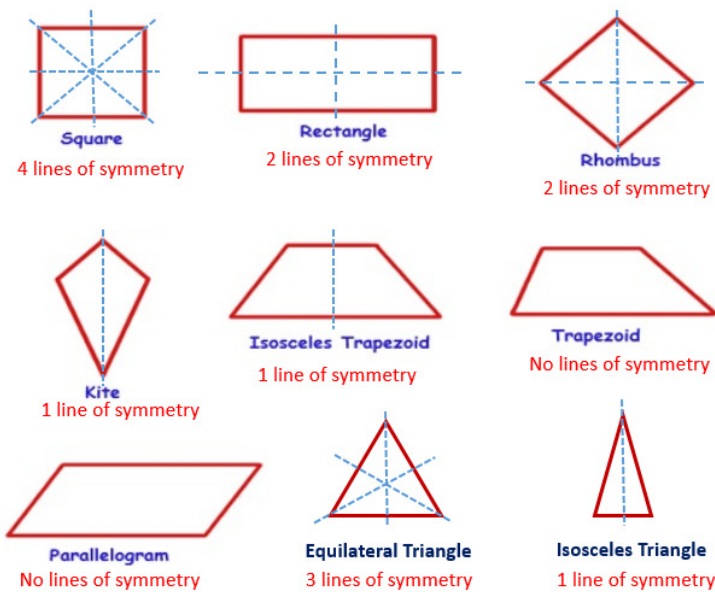


Turns and angles

- Mr Heath's angle song - YouTube - Dr Seuss - Types of angles - song that shows 4 types of angles
- See both PPT's; 'Turns and angles' and 'types of angles information PPT', focussing on the terminology
- Complete the accompanying task (linked to turns and angles)
- Can you take the angles quiz? (see ppt).

- Create your very own angles quiz
- Make a maze in your house/garden. Blindfold a willing volunteer and guide them around it using the terminology of clockwise, anticlockwise and turns in degrees. How quickly can you get them through your maze?

Lines of Symmetry



Symmetry

- See the symmetry ppt and complete the lines of symmetry task
- Can you complete the symmetrical drawings activity? Can you create your very own symmetry challenge for a friend?
- Could you create symmetry with things you find in nature?
- Could you photograph examples of symmetry that you see in the world around you?



History

- Ancient Maya Civilisation - BBC Teach - introducing the Maya civilisation - History - Lost Lands - YouTube
- How to look great Maya - history of early civilisations - BBC teach - YouTube

- What did Maya houses and buildings look like? - History of Early civilisations - BBC teach
- Ancient Mayan Facts for Kids - KidsKonnnect - YouTube
- Why not make your very own Mayan headdress or jewellery?



- Could you create a miniature Mayan house out of materials of your choice? Draft/plan it first, thinking of appropriate materials. How will you join any materials? Why have you chosen 'x' materials?
- What are your top ten Mayan fun facts? Why not email them in?

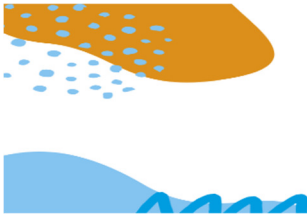
There are many other BBC Teach videos that discuss the Mayans. As ever, an

adult must watch all videos first to ensure no inappropriate pop ups appear.

Art - see Art doc for your year group on the website. Look at the printing section.



Computing



Safer
Internet
Day



<https://www.saferinternet.org.uk/safer-internet-day/safer-internet-day-2020/safer-internet-day-2020-quiz>

Internet Safety - Can you take the safer internet day quiz? What areas do you think we need to focus on most as: 1. A school 2. A nation? Could you create a simple poster of do's and don'ts for younger year groups? Could you maybe create you very own information show/clip where you 'report' on internet safety?

<https://www.bbc.co.uk/bitesize/articles/ztpfxbk>

The above link discusses viruses and malware, identifying how it effects out electronic devices. It also has a selection of activities linked to the topic.

Music

BBC bitesize has online Music lessons!

<https://www.bbc.co.uk/bitesize/dailylessons>

