

Year 5 Home Learning

Date: Friday 19th June

Follow this sheet to visit a topic from year 5 maths. Complete as much as you feel confident doing.

1

Albie says,



If two 3D shapes have the same number of edges, then they also have the same number of vertices.

Do you agree?
Explain why.

L.O: Reasoning around 3D shapes.

Using our knowledge of how these shapes are built from 2D shapes, can you apply your knowledge to reason around these questions.

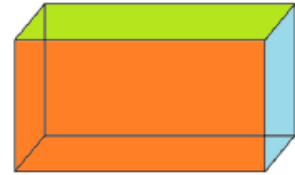
3

Take a look around your house. What objects represent 3D shapes? Are there any objects that combine 2 or more 3D shapes together?

4

Using different 3D solids, can you represent them from different views? Can your partner work out which representation goes with which solid?

For example,



Front view



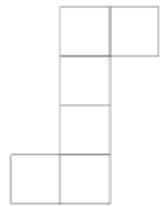
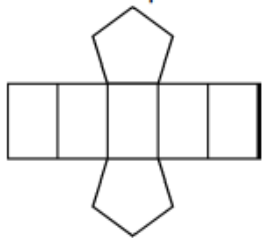
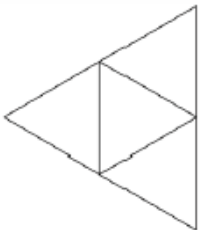
Side view



Plan view

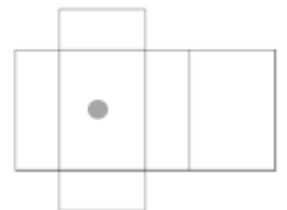
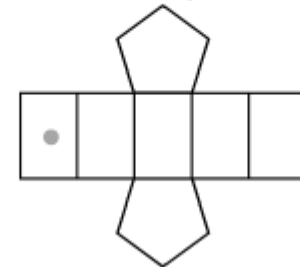
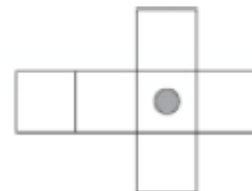
2

Look at the different nets. Describe the 2D shapes used to make them and identify the 3D shape.



5

Draw another dot on the nets so they have a dot on the opposite face when the 3D shape is constructed.



English – To write a discussion.

Starter

Choose 3 adverbs for possibility and write a sentence with them.



possibly

probably

certainly

maybe

definitely

most likely

unlikely

Here are two possible starting paragraphs you could use/magpie ideas from!

In areas across the UK many councils use recycling bins and containers to recycle plastic. HOWEVER, not all councils do the same. Shropshire and Staffordshire have different recycle bins and take different plastics away.

Title

①

Plastic is an excellent resource which is used throughout the World each day. Created in 1907, plastic can take many forms from the chairs we sit on, to the keyboard we type with, to storage of food and even to wrap food sources in! Plastic does not conduct electricity, making it a valuable resource with electrical devices. Unfortunately this man-made resource is polluting our World, causing many animals to die and taking too long to decompose. Do you not want to save our World from this plastic disaster and invent something else which has the same usage?

There are two ways of structuring a discussion.

INTRO

ALL THE FOR
REASONS

ALL THE AGAINST
REASONS

CONCLUSION

INTRO

Plastic
FOR AND AGAINST
recy ABOUT ONE THEME

Single use
FOR AND AGAINST
ABOUT ANOTHER
THEME

Oceans
FOR AND AGAINST
ABOUT ANOTHER
THEME

CONCLUSION

Write you balanced argument about single use plastic.

Other/Extra: Geography:

Over the course of this half term we would like your child to undertake their own research based on 'Geography'. Work produced will be collected and presented in their portfolio book or on paper or as a poster/leaflet etc. Children should aim to try and complete an activity each day (This week Thursday and Friday – following weeks Wednesday/Thursday/Friday – due to reading the first two days!)

Children should try to vary what they do (so not making a model every week).

If your child needs to use the computer for their research, try one of the child friendly search engines listed below.

<https://www.kiddle.co/>

<https://www.kidtopia.info/>

<https://www.kidzsearch.com>

<https://www.factmonster.com>

Today...

Write down some of the countries that you have visited. Can you find out the distance between Newport and the place you visited. Obviously this can be more than one place!

