

Year 2 Home Learning Grid: Week Beginning Monday 1st March

English	Maths
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MONDAY

Today we are going to be doing an independent piece of writing.
Think back to all of the skills you used last week to write what was happening in the story

'Pirates love underpants'

We used adjectives to describe the pirate ship



We wrote a command given by the captain to his pirates!



We used a coordinating conjunctions to join two simple sentences together (and, but, so, for, nor, or, yet)



We wrote question sentences about what the pirates might be asking each other



We used onomatopoeia to describe the noises the crocodiles made underneath the bridge

MONDAY

WALT: recognise 2D and 3D shapes

Key Lesson Vocabulary:

Square, circle, triangle, rectangle, pentagon, hexagon, cube, cuboid, cone, triangular prism, cylinder and pyramid

Flashback 4 Year 2 | Week 5 | Day 1

1) Name the shape.  triangle

2) How many points do Class 5 have?

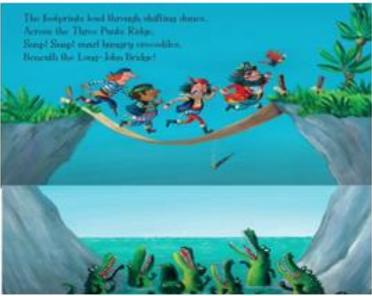
Class	Tally	Total points
Class 4		
Class 5		20

3) Multiply 5 by 7 35

4) How much money is there altogether?  37p

White Rose Maths

Before learning about their properties, children need to recognise and name both 2-D and 3-D shapes and to be able to differentiate between them. They begin to understand that 2-D shapes are actually flat and the manipulatives they handle in class are representations of the shapes. Children also need to be able to recognise 2-D shapes in different orientations and proportions.



Finally, we used a simile to describe the inside of the cave



Using all of these skills, can you create your own piece of independent writing?

Complete in your books

1 Match the shape to its name.



circle



hexagon



pentagon



square



triangle



rectangle

Complete in your books

2 Match the shape to its name.



cuboid



triangular prism



cube



pyramid



sphere



cylinder

TUESDAY

WALT: punctuate an exclamation sentence

TUESDAY



The captain and the pirates have discovered another pirate crew has the golden underpants that they have been looking for!

How do you think the captain and his pirates are feeling?

Watch this clip about exclamation sentences

<https://www.bbc.co.uk/bitesize/topics/z8x6cj6/articles/z3dcmsg>

Now, can you think of something that the captain might say if he is shocked or surprised that the other crew have the golden underpants?

Here is a sentence – can you think of one of your own? There are speech marks and an exclamation mark as it is words that the captain or the pirates might say.

“Oh no, we are here too late. The other pirates have found the golden underpants!”

Remember, the exclamation mark goes inside the speech marks.

WALT: use alliteration

Do you know what alliteration is?

Watch this clip to help you.

<https://www.bbc.co.uk/bitesize/topics/zfkk7ty/articles/zq4c7p3>

Alliteration is when words start with the same sound

Can you complete these sentences with the words below?

Tuesday 2nd March

WALT:

Make 2D and 3D shapes

Key Lesson Vocabulary:

Square, circle, triangle, rectangle, pentagon, hexagon, octagon, cube, cuboid, cone, triangular prism, cylinder and pyramid

Flashback 4 Year 2 | Week 5 | Day 2

1) Name the 2D shape.  **pentagon**

2) How many films are there on Sunday?

Day		Total films
Saturday		
Sunday		15

Key  = 5 films

3) What is $30 \div 5$? **6**

4) How many tens are there in 42? **4**




- o Really rapid race at record speed.
- o Joyful Jess with Jimmy just behind.
- o Daisy past dangerous drooling dogs.

Jumps – dashes – runners

Look at the picture of the captain. He is trying to come up with a plan to steal the golden underpants from the other pirate crew.



Can you think of some alliteration that could go in a sentence about the captain's plan?

Here is an idea – can you think of your own?

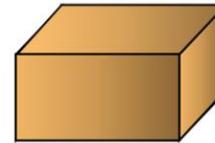
The **c**aptain **c**oncocted a **c**unning plan to get the **g**olden **u**nderpants!

You might want to use Plotting Pirates or Pirates Plan!

2D and 3D shapes - True or False

- 1) You can pick some 3D shapes up.
- 2) You can pick some 2D shapes up.
- 3) All 3D shapes are bigger than 2D shapes.
- 4) Some 2D shapes can be made through printing with the faces of 3D shapes.

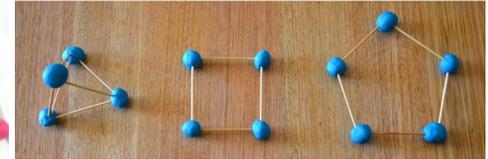
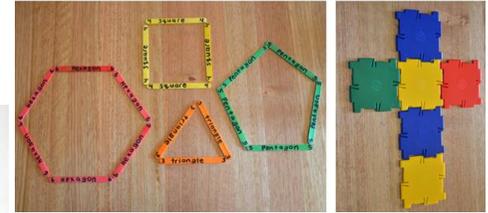
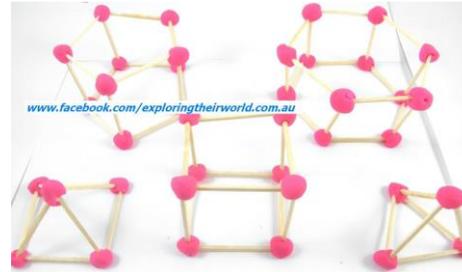
What 2D shapes can you see in this 3D shape?



Children to build 3D and 2D shapes using whatever you have at home. You could use spaghetti and playdough to build shapes. Her are some examples



15 HANDS ON MATHS ACTIVITIES
LEARNING ABOUT 2- & 3-D SHAPES



WEDNESDAY

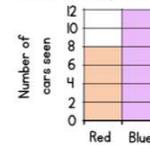
WEDNESDAY

WALT: count sides on 2D shapes

1) Name the 3D shape.



2) How many red cars were seen?



3) Calculate 10×8

4) Find the sum of 25 and 7



Children should be encouraged to develop strategies for accurate counting of sides, such as marking each side as it has been counted. Children also need to understand that not all same-sided shapes look the same, such as irregular 2-D shapes

Questioning:

What is a side? How can you check that you have counted all the sides? Do all four-sided shapes look the same? Why do you think the shapes have the names that they do?

Complete the table.

Main

Name	Shape	Number of sides
		3
pentagon		
		6
square		
		8

THURSDAY

THURSDAY

WALT: count vertices in 3D shapes

Flashback 4 Year 2 | Week 5 | Day 4

1) How many sides does a hexagon have?

2) How many more children have dogs than cats?

Pets	Tally
Cats	
Dogs	



3) Divide 45 by 5

4) Subtract 12 from 43



<https://www.nagwa.com/en/videos/919156540413/>

Complete the sentences to describe the shapes.

a)



A pentagon has vertices.

b)



A triangle has vertices.

c)



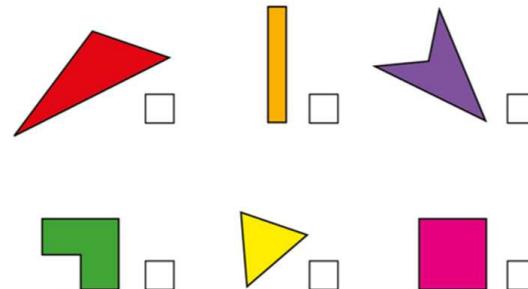
A _____ has vertices.

d)

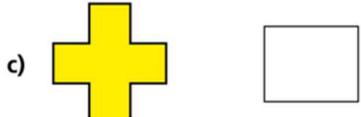
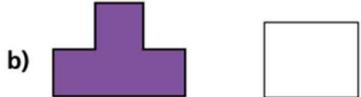


A _____ has vertices.

Tick the shapes with 4 vertices.



How many vertices does each shape have?



4.03.2021

WALT: count vertices on 2D shapes

Independent Task

Create your own pattern with shapes.

Count the number of vertices in each term.

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Vertices: __

Vertices: __

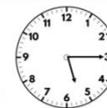
Vertices: __

FRIDAY

FRIDAY

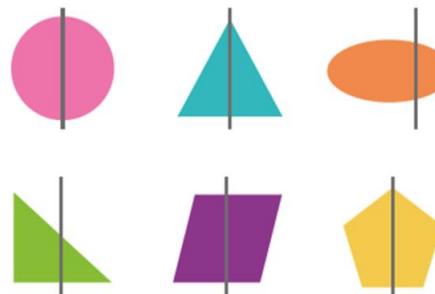
WALT: understand symmetry

- 1) Which shape has 8 sides?
- 2) If ● = 10, use symbols to represent 35
- 3) What is 2×7 ?
- 4) Order the numbers from smallest to greatest.
27, 9,
35

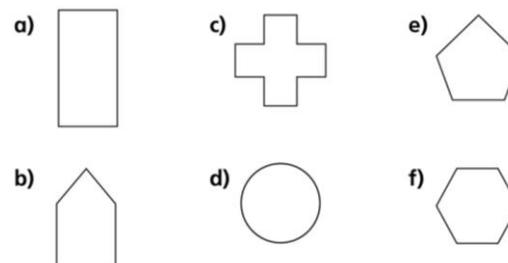


<https://www.theschoolrun.com/what-is-symmetry>

Tick the shapes with a correct line of symmetry.



Draw the vertical line of symmetry on each shape.



WALT: understand symmetry

Main

Here are some halves of shapes with their line of symmetry drawn.

Complete the shapes.

Write how many sides and how many vertices each shape has.

a)  sides
 vertices

b)  sides
 vertices

c)  sides
 vertices

d)  sides
 vertices

SCIENCE

In Autumn Term you learnt about Materials and we began to explore their properties.

This week we will revisit this topic and will move ahead over the rest of the term to discover how we can change the shape of materials.

Watch this video on materials

<https://www.youtube.com/watch?v=xOKr462HLc0>

What different materials can you remember from your vocabulary bank?

Write a list of these materials.

Common Exception Words

Keep practising your CEW

Year 2 Common Exception Words

after
again
any
bath
beautiful
because
behind
both
break
busy
child
children
Christmas

class
climb
clothes
could
cold
door
even
every
everybody
eye
fast
father
find

floor
gold
grass
great
half
hold
hour
improve
kind
last
many
mind
money

most
move
Mr
Mrs
old
only
parents
pass
past
path
people
plant
poor

pretty
prove
should
steak
sugar
sure
told
water
whole
who
wild
would



Can you describe the properties of these materials?
Talk to your grown up to describe what we mean by
the word 'property'

*The **property** of a **material** is something about it that we can measure, see or feel and helps us decide whether or not it is the best **material**.*

Task

Go on a treasure hunt around your home and garden to find a variety of different materials.

Examine these materials and think about if these are manmade materials, or natural materials.

Using the Categorisation Sheets (see separate attachment), assess the material of some objects around the home.

For example can you find a spoon? What is it made of?
Can you find another spoon made of a different material?

Can you investigate if you have more items in your home made of a certain material? For example, can you find lots of plastic, or perhaps more metal items? Could you discuss with your grown up if you think certain items in your home could be better if they were made from a different material? Why? Discuss the properties to support your reasoning.



Identifying Uses of Everyday Materials



Look around you for any uses these materials may have and fill in the table. A few have been done for you to help you get started. Remember - some uses may come under more than one material, for example rulers can be made from plastic, wood and metal.

Wood	Plastic	Glass	Metal	Rock	Brick	Paper	Cardboard
ruler	ruler		ruler			books	

Which materials did you think of the most uses for? _____

Why do you think that is? _____

Which materials did you think of the least uses for? _____

Why do you think that is? _____



