Maths
Home Learning w/c 1.2.21
Year 2

All worksheets will be on the school website and tapestry and videos will be posted on tapestry.

Monday

5 sums a day.

Complete these sums

25 + 14 =   67-34=   10 x 4=

15÷ 5 =

LO: To identify 2D shapes in objects.

Look at the powerpoint recapping what 2D shapes are called and their properties. (last week's powerpoint has been attached again.

Look at the video and see if you can spot any of the 2D shapes

https://www.youtube.com/watch?v=ElQoMOCJw8w

Then spot different shapes in the picture.

Activity

Go on a shape hunt to find shapes around your house, in your garden, on a walk. Take some photos or make a list of where you see a certain 2D shape.

Complete a tally chart to show how many of each shape you see.

Extension. Write some sentences to describe what you found out. Eg I saw more circles than squares. Etc.The tally chart shows I saw….. circles…..

Tuesday

 5 sums a day.

60 + 20 + 10 =   50 – 10 – 10=

4 x 2=   20÷ 2=

LO: To make 2D shapes, using knowledge that I have about their properties.

Watch the video and look at the example of 2D shapes made using strips of paper/straws.

Activity

Use cut up strips of paper, straws, dried spaghetti etc from home and make some of your own 2D shapes. Write on a separate piece of paper the name of the shape and put it beside the shape you have made. Can you describe it to an adult,.

How many sides, straight or curved, how many vertices, has it got any right angles? Eg Square, 4 vertices, 4 equal, straight sides, 4 right angles.

Take some photos of the shapes that you have made.

5 sums a day

$40 + 40 =$ $40 + 20 + 10 =$ $67- 20=$

$9 + 3 + 2 =$ $15 + 4 =$

LO: To know what a right angle is and identify these in 2D shapes.

Watch video

/https://www.youtube.com/watch?v=9PakNIwDin4

powerpoint explaining what a right angle is and how to see if a shape has a right angle.

Activity

Use the corner of a piece of paper to find right angles in your house, garden etc. Take photos to show where you have found a right angle on objects around the house, on a walk, in the garden.

Complete the right angle worksheet. Cut out the shapes and stick in the correct part of the table.

Extension. Count up the number of right angles in each shape on the sheet.

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5 sums a day

$8 – 3 – 1=$ $9 – 1 – 1 =$ $6 \times 2=$

$6 \times 5 =$ $12 \div 2 =$

LO : To know what symmetry is and identify lines of symmetry in 2D shapes.

Look at the powerpoint to describe what symmetry is and how to recognise if a shape is symmetrical.
Watch the bitesize video and complete the activity on this page too.

https://www.bbc.co.uk/bitesize/topics/zrhp34j/articles/z8t72p3

Activity

Complete the worksheet, counting the lines of symmetry. Then finish drawing the other side of the shape making it symmetrical.

Extension Explain how you know if a shape is symmetrical. Write a sentence to explain.

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5 sums a day

$9+ 4 + 3=$ $50 + 20+ 30 =$ $80-20-10=$

$9 \times 2=$ $12 \times 5=$

LO : To know what symmetry is and make a symmetrical pattern

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Wacth the bitesize video
https://www.bbc.co.uk/bitesize/clips/ztpyr82

Go to topmarks website and play the symmetry games. There are 3 games, sorting shapes, pictures and letters so try all three. This will recap learning from yesterday.
https://www.topmarks.co.uk/symmetry/symmetry-sorting
Then try the reflective symmetry game, matching patterns.
https://www.topmarks.co.uk/symmetry/symmetry-matching
Activity- Use the worksheet to complete a symmetrical butterfly or make your own symmetrical picture. Remember to have your line of symmetry down or across the middle.
I have attached some squared paper to use if you find this easier.