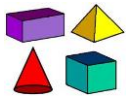
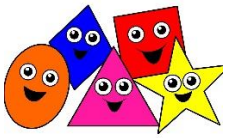
Year 2 Maths Activity Grid

Year 2 maths skills checklist:

- ✓ I can read and write numbers in numerals up to 100.
- ✓ I can partition a two-digit number into tens and ones to demonstrate an understanding of place value, though I may use structured resources to support me.
- ✓ I can add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining my method verbally, in pictures or using apparatus (e.g. 23 + 5; 46 + 20; 16 – 5; 88 – 30).
- ✓ I can recall at least four of the six number bonds for 10 and reason about associated facts (e.g. 6 + 4 = 10, therefore 4 + 6 = 10 and 10– 6 = 4).
- ✓ I can count in twos, fives and tens from 0 and use this to solve problems.
- ✓ I know the value of different coins.
- ✓ I can name some common 2D and 3D shapes from a group of shapes or from pictures of the shapes and describe some of their properties (e.g. triangles, rectangles, squares, circles, cuboids, cubes, pyramids and spheres).
- ✓ I can read scales in divisions of ones, twos, fives and tens.
- ✓ I can partition any two-digit number into different combinations of tens and ones, explaining my thinking verbally, in pictures or using apparatus.
- ✓ I can add and subtract any 2 two-digit numbers using an efficient strategy, explaining my method verbally, in pictures or using apparatus (e.g. 48 + 35; 72 – 17).
- ✓ I can recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships (e.g. If 7 + 3 = 10, then 17 + 3 = 20; if 7 – 3 = 4, then 17 – 3 = 14; leading to if 14 + 3 = 17, then 3 + 14 = 17, 17– 14 = 3 and 17 – 3 = 14)
- ✓ I can recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems, demonstrating an understanding of commutativity as necessary.
- ✓ I can identify 1/4, 1/3, 1/2, 2/4, 3/4, of a number or shape, and know that all parts must be equal parts of the whole.
- ✓ I can use different coins to make the same amount.
- ✓ I can read the time on a clock to the nearest 15 minutes.
- ✓ I can name and describe properties of 2D and 3D shapes, including number of sides, vertices, edges, faces and lines of symmetry.

Choose an activity from below and complete it on squared paper if possible. Remember to add the date.

Timeline Can you keep a timeline of what you do in a day? Write the correct time next to what you did. Challenge: Can you write your time in 12hr digital? E.g. half past 6 = 6:30 	**Shape Hunt** Go on a shape hunt around your house. Draw and label the names of 2D and 3D shapes you can see around your house. Challenge: Label the number of sides and corners (vertices). 	**Number Talk** Choose a number from 20-99. How many different ways can you portion the number? E.g. 24 = 14+10 or 15+9 or 12+12 	**Money** Play shops at home and record what you bought and what coins you used to buy them. How many different ways can you make 50p using coins?
Measure Practise using a ruler to measure small items around the house in centimetres. E.g. a pen, coin, rubber, toy etc. Record your results. Challenge: draw and complete a chart to list items shorter or longer than 10cm.	**Time** Using a clock online or in the house, practise telling the time to half past, quarter past and o'clock times. Record the times. Challenge: Can you write your time in 12hr digital? E.g. half past 2 = 2:30 	**Fractions** Can you find ½, ¼ and a ¾ of the numbers below? 4, 8, 12, 16, 20, 24, 28 Choose any even number up to 50 and then half the number. Repeat 5 times. 	**Addition/Subtraction** Choose two numbers between 20 and 99 (e.g. 35 and 21). Can you add and subtract using the chosen numbers? Write the number sentence and show your working out. (e.g. 35 + 21 = 56 35 – 21 = 14)

Times tables Write down the 2, 5 and 10 times tables. Can you say them in order to an adult? Can you mix it up? Challenge: 3x table. 	**Shape Art** Draw a picture using different 2D shapes. Label the shapes with their name, number of sides and number of corners (vertices). 	**Number Talk** Can you record all the possible ways to make 100? Use your knowledge of number bonds to help. 	**Measure** Using your hands and feet, can you measure various rooms and objects in your house? Record how many feet or hand spans they measured.
Counting Start from 26. Can you count forwards and backwards in twos and fives from this number? Record the numbers. 	**Numbers in Words** Can you write numbers 0-100 in words and spell them all correctly? Challenge: Choose 5 numbers you have written in words and order them, largest first.	**Measure** Follow a recipe with an adult. Measure out all the ingredients you use and record them. 	**Times Tables** Download the SUMDOG app, login and complete the activities given. Please focus on the 2, 3, 5 and 10 times tables.

More maths learning activities can be accessed through the following websites:

http://www.bbc.co.uk/schools/websites/4_11/site/numeracy.shtml

https://www.topmarks.co.uk/english-games/5-7-years

https://www.bbc.co.uk/cbeebies/topics/numeracy

https://mathsframe.co.uk/en/resources/category/22/most-popular