Year 1 Maths ideas to complete independently at home

Counting in 1s Start on any number and count on in ones.	**Counting in 2s forwards and backwards** Start on any number and count forwards and backwards in twos. Record this... 54, 56, 58.	**Counting in 5s forwards and backwards** Start on any number and count forwards and backwards in fives. Record this... 25, 30, 35, 40	**Counting in 10s forwards and backwards** Start on any number and count forwards and backwards in tens. Record this... 100, 90, 80	**Problem Solving** Get your adult to pick a number between 1 and 10. Double it. Describe how you can double it in four different ways. e.g. 4+4=8 Double 4 is 8 Repeat with 4 different numbers
Roll a dice - Subtraction Roll a dice twice (3 / 1) to generate a 2 digit number (31) Next roll it a third time (5)to see what you should subtract your number by, (31-5 =) Repeat 3 times	**Roll a Dice - Adding** Roll a dice twice (4 / 2) to generate a 2 digit number (42) Next roll it a third time (6)to see what you should add to your number (42+6 =) Repeat 3 times	**Fact Families** Choose a number between 1 and 20. Write a fact family for it. E.g 7+8=15 8+7=15 15=7+8 15-7=8 15-8=7 Repeat twice more choosing a different number each time.	**Number bonds to 10** Draw pictures to represent the number bonds to 10 3 + 7 = 10 	**Number bonds to 20** Draw pictures to represent a number bond to 20 Repeat twice more choosing a different number each time.

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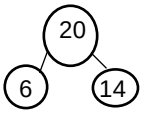
Money, money, money Using money in your home, can your record 3 ways to make these totals using different coins? 10p, 20p, 30p	**Explode a number** Write a number in the middle of a page and explode it. Can you use words such as double, half, odd, even?	**Problem Solving -Tally up** Create a tally chart of how many of your family and friends can tell you a fact about your chosen subject. E.g, dinosaurs, Harry Potter, etc 	**Problem Solving - 100** Using the Whole part diagram, can you show 5 different ways you can make 20.  Challenge: Can you write 3 number sentences showing how you can make 20 .E.g. 6+14=20 20-6=14	**Cooking Time** When cooking at home practice measuring the different amount of ingredients you need using scales, jugs or other equipment to measure the amount accurately. Talk about which object/ingredients are heavier or lighter. Record your measurements in your book and we would love to see some pictures of you measuring in your homework book.
Days of the Week Can you create a poster showing the days of the week? Have you spelt them correctly? What happens at different times during the day?	**Months of the year** Can you create a poster showing the months of the year? Have you Spelt them correctly? Can you group them into seasons?	**Shape Picture** Draw a picture using different 2D Shapes. Which shapes did you use? Can you label them? Circle Semi circle Triangle Square Rectangle Pentagon Hexagon Heptagon Octagon Nonagon Decagon	**3D Shape Spotter** Can you spot objects that are in the shape of a Sphere Hemisphere Cone Cube Cuboid Cylinder Pyramid Prism Draw them, write them down or create a model of them.	**Odd and Even** Count different objects at home and record whether there is an odd or even amount. How do you know? Odd: 9 spoons, 17 tins Even: 12 Cups, 56 pens

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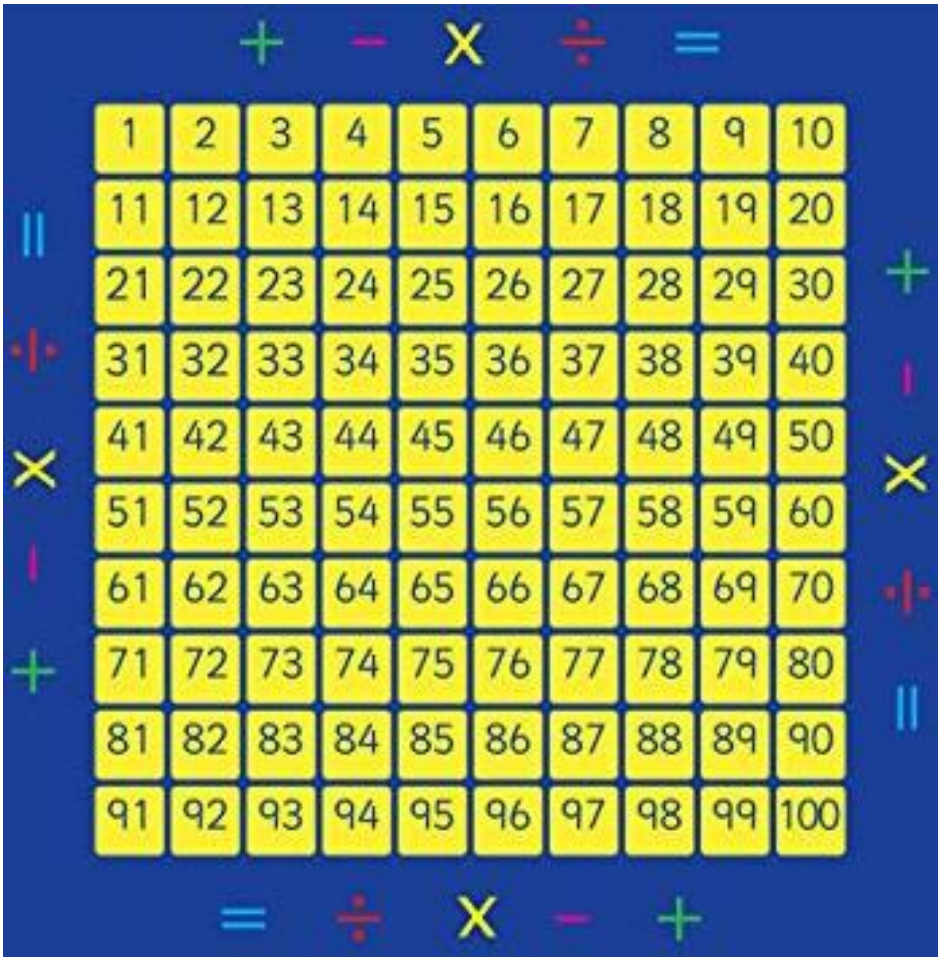
Games...

You can also play a game from time to time and ask you adult to record it in your book!

Snakes and ladders, Dominoes, Darts,

Education City, Hit the Button https://www.topmarks.co.uk/maths-games/hit-the-button

Equipment

Dice, number line, 100 square, games