

Maths at Home – Year 2

Number facts You need a 1–6 dice. Take turns. Roll the dice. See how quickly you can say the number to add to the number on the dice to make 10 e.g. 6. If you are right, you score a point. The first to get 10 points wins.

You can extend this activity by making the two numbers add up to 20 or 50.

How heavy? You will need some kitchen scales that can weigh things in kilograms. Ask your child to find something that weighs close to 1 kilogram.

Can he / she find something that weighs exactly 1 kilogram? Find some things that weigh about half a kilogram.

How much? Once a week, tip out the small change from a purse and count it up with your child.

Circle trios Draw four circles each on your piece of paper. Write four numbers between 3 and 18, one in each circle.

Take turns to roll a dice three times and add the three numbers. If the total is one of the numbers in your circles then you may cross it out. The first to cross out all four **circles wins.**

Speedy pairs to 10 Make a set of 12 cards showing the numbers 0 to 10, but with two 5s. If you wish, you could use playing cards. Shuffle the cards and give them to your child. Time how long it takes to find all the pairs to 10. Repeat later in the week. See if your child can beat his / her time.

Guess my shape Think of a 2-D shape (triangle, circle, rectangle, square, pentagon or hexagon). Ask your child to ask questions to try and guess what it is. You can only answer Yes or No. For example, your child could ask: Does it have 3 sides? or Are its sides straight? See if he can guess your shape using fewer than five questions. Now ask them to choose a shape so you can ask questions.

Bean subtraction For this game you need a dice and some dried beans or buttons. Start with a pile of beans in the middle. Count them. Throw a dice. Say how many beans will be left if you subtract that number. Then take the beans away and check if you were right! Keep playing. The person to take the last bean wins!

Dominoes Use dominoes to show 2 digit numbers. e.g. 4 and 9 becomes 49 (or 94 if you turn it round)

Pick two dominoes and add together the two digit numbers.

Top Trumps or Match Attack cards Use the numbers on the cards to practise reading, ordering and comparing numbers, e.g. which number is larger?