

# How to help your children with Maths

Knowing all of your times tables is essential to making progress in maths. Understanding and memorising times tables makes it far quicker and easier for children to work out maths problems in their heads.

Here are some fun games you can play at home to help develop times tables.

## **Bingo!**

Pick 1 or 2 times tables to focus on. Children pick 6 numbers from that times table. Call out times table questions, if they have the answer, they cross it off!

## **Climbing stairs.**

Before climbing any stairs, choose a times table. As you climb, count in the multiples of that times table. If you are walking back down the stairs later on, try and count backwards!

## **Rock, Paper, Times tables!**

Two players go head to head. Just like rock, paper, scissors except on the third lowering of your fist, you reveal a number with your fingers. For example, one player may hold up 7 fingers and the other may hold up 2. The calculation that needs to be solved is  $7 \times 2$ . The first player to get the correct answer remains on their chair and faces another opponent.

For KS1 pupils, agree to only use 2, 5 and 10 times tables.

## **Arrays.**

Use toys to create arrays showing different times tables.



$$1 \times 3 = 3$$

Showing 1 group of 3 is worth 3



$$4 \times 3 = 12$$

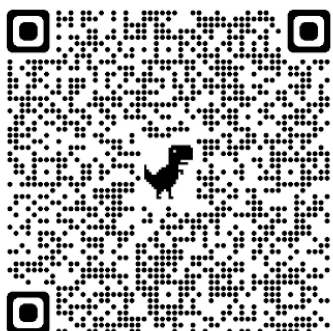
Showing 4 groups of 3 is worth 12



$$7 \times 3 = 21$$

Showing 7 groups of 3 is worth 21

Playing 15 minutes of SumDog a day will help your child make progress in maths.



## **Understanding place value**

Place value is the basis of our number system, allowing us to represent all numbers with just the digits 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9. The value of each digit is defined by its position in a given number.

The maths videos explain the concept of place value and provide tips to help you support your child's understanding.



# Sumdog's Festive Quest



Name \_\_\_\_\_

Class \_\_\_\_\_

## How many tasks can you complete?

Colour in the boxes to show which tasks you have done.

My target is \_\_\_\_\_

I have played in the Winter Wonderland contest <input type="checkbox"/>	I have completed a Sumdog task set by my teacher <input type="checkbox"/>	I have received the weekly item for week 4 <input type="checkbox"/>	I have sent a Sumdog gift to one of my friends <input type="checkbox"/>
I have received the weekly item for week 1 <input type="checkbox"/>		I have received the weekly item for week 3 <input type="checkbox"/>	I have bought a winter item for my avatar <input type="checkbox"/>
I have received the weekly item for week 5 <input type="checkbox"/>		I have received the weekly item for week 2 <input type="checkbox"/>	I have played the Labyrinth game in the snow <input type="checkbox"/>
I have bought a winter item for my garden <input type="checkbox"/>		I have bought a winter item for my house <input type="checkbox"/>	I have received the weekly item for week 1 <input type="checkbox"/>

Can you complete this Sumdog winter quest?