



# Year 3

Remote Learning

## Maths Week 2

### Ongoing Practice

This section will focus on your **mental maths and fluency**. By that, we mean knowing (or very quickly calculating) maths facts with confidence, accuracy and speed!

Each week we will put up three new areas to focus on. The challenges we set will help you check how confident you are with a particular area, but they will also help you to practise and get better.

The idea of the challenges in this section is for you to do these daily, and the best bit is, you can do this on your own without your grown-ups! You will just need help to begin with, to set up a timer, then you're ready and independent! We have included an answer sheet for you to check your progress yourself.

Ready? Here we go!

#### Challenge One:

Write all number bonds to 20 (for example,  $16 + 4 = 20$ ).

### Activities – Place value

We will continue with our learning on **place value** this week. This means having a clear understanding of what each digit in a 2 and 3 digit number means and using this knowledge when adding or subtracting ones, tens or hundreds.

#### Guess my number

Using the digit cards 0 – 9 that you made last week, make a 2 or 3 digit number. Get someone to guess your number from your clues. Your clues could be things like 'there is an even number in the tens column, there are four hundreds, my age is in the ones column' You could say these clues or write them down. You could even turn it into a number hunt around your home.

#### Investigate

Choose up to 3 digits out of your number cards, how many numbers can you make with them? Write them all down. Can you be systematic to check you have all possibilities? What about if you used 4 digits?

#### Dice game

Draw a simple hundreds, tens and ones grid. Take turns rolling the dice (if you don't have one maybe you could make one or even use your digit cards - pick them from the pot). After each roll of the dice you must decide where to put your digit - in the hundreds, tens or ones column. You can't move your digit once you have placed it. Compare your three-digit number with your partner. Who has the biggest? They are the winner. Play up to ten rounds. Then change it so that this time you are trying to make the smallest number.

### Website Links

Here are some useful websites we have found:

**twinkl** is an online activity bank that covers all areas of the curriculum. They are currently offering a free month subscription to all parents. You will be able to find activities to support your child in all areas of learning. Just create your account.

<https://www.twinkl.co.uk/sign-up>

Enter the code UKTWINKLHELPS

The maths factor - another website offering free membership.

<https://www.themathsfactor.com/>

<https://www.topmarks.co.uk/maths-games/7-11-years/place-value>

<https://www.splashlearn.com/place-value-games>

<https://www.ictgames.com/mobilePage/placeValue.html>

<https://trockstars.com/>

<https://play.numbots.com/>

Do this in two minutes!  
Managed that? Now how about  
in one minute?

How will you know if you have  
them all? If you haven't done so  
already, could you arrange them  
*systematically*?

**Challenge two:**

Challenge yourself to write the  
*three times table* in two minutes!

Use the times tables sheet we  
gave you to check your answers  
and give yourself a score.

Confident doing it in two  
minutes? Try one minute!

Now backwards in two minutes!

Backwards in one minute?!

**Challenge three:**

*Write the numbers 1-10 in words.*

Yes, you need to know the  
correct spellings of numbers for  
maths as well as English, so this is  
a great time to practise them!

**Number hunt**

On your daily walk look for different door numbers, write  
down up to 10 different ones that you see (hopefully some  
with three-digit numbers). Can you write them in order from  
smallest to largest?

**Questions to answer:** Think carefully about which  
column needs to change when you add and subtract.  
Sometimes more than one column will change...look  
carefully.

- $3 + 80 =$
- $17 + 20 =$
- $425 + 60 =$
- $402 - 200 =$
- $889 + 40 =$
- $642 - 7 =$
- $405 + 9 =$
- $796 - 700 =$
- $586 + 30 =$
- $674 + 120 =$
- $493 + 10 =$
- $563 - 130 =$
- $784 - 222 =$
- $654 - \underline{\quad} = 154$
- $\underline{\quad} + 30 = 942$
- $\underline{\quad} + 7 = 576$

Have a go at making up some of your own questions  
similar to the ones above.