



# Year 2

## Isolation Pack

### Maths Week 1

#### Message

Welcome to your Maths learning pack.

There is a Maths lesson to complete for each day you are isolating. This week's lessons are all to do with numbers. All of these lessons are adapted from the excellent BBC bite size website.

We have done lots of work on numbers in Year 2 but all these lessons will be really helpful to improve your number skills.

Please keep any work you have done and bring it in to show your teacher once you can come back to school.

Good luck and we hope you enjoy the activities!

Mr Ibbotson, Ms Creamer, Mr Heidensohn and Ms Ibbotson.

#### Website Links

Here are lots of good online Maths games you could play:

##### **Karate Cats - Maths**

<https://www.bbc.co.uk/bitesize/topics/zjkphbk/articles/zf4sscw>

##### **Caterpillar ordering**

<https://www.topmarks.co.uk/ordering-and-sequencing/caterpillar-ordering>

##### **Paint the square**

<https://www.topmarks.co.uk/learning-to-count/paint-the-squares>

##### **Post sorting**

<https://www.topmarks.co.uk/Flash.aspx?f=PostSortingcalculationsv2>

##### **Shark Numbers**

<http://www.ictgames.com/sharkNumbers/mobile/index.html>

##### **Mental Maths Trains**

<https://www.topmarks.co.uk/maths-games/mental-maths-train>

##### **Blast off!**

<https://www.topmarks.co.uk/learning-to-count/blast-off>

## Lesson One – Numbers to 100

For this lesson you will need a **100 square**. If you have a printer then print off [Maths lesson 1 – Hundred square](#). If not, then have it on your screen.

You can use a hundred square to count from 1 to 100.

To count up in ones, count on **along the rows** of the 100 square.

### Activity 1

Can you count from **27** to **35**?

Can you count from **62** to **76**?

Can you count back from **44** to **38**?

### Activity 2

To count up in tens, count **down the rows** of the 100 square

Practise counting up and down in tens.

Trace your finger along the column with the following numbers.

**10, 20, 30, 40, 50, 60, 70, 80, 90, 100**

**7, 17, 27, 37, 47, 57, 67, 77, 87, 97**

**95, 85, 75, 65, 55, 45, 35, 25, 15, 5**

### Activity 3

Open up the document called [Maths lesson 1 – Activity 3](#).

In this activity you will need to work out which numbers have been covered over with mud in the number grid.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

## Lesson Two – Numbers to 50

Counting large numbers of objects is much easier when you group them together in **tens**.

Click on this link and watch the first 2 videos: <https://www.bbc.co.uk/bitesize/articles/zb9pnrd>

### Activity 1

#### Counting objects

Look around your home with a parent, sibling or guardian.

Can you find 25 objects? This could be anything, like pencils, socks or toys. Count them out loud.

Practise grouping them into groups of tens and ones!

### Activity 2

Print off the worksheet called [Maths lesson 2 – Numbers to 50](#). Complete the worksheet. If you don't have a printer then have the worksheet on your screen and write your answers down on paper.



## Lesson Three – Counting in 5s

Watch the first video and practise counting up in 5s:

<https://www.bbc.co.uk/bitesize/articles/zdhdr2p>

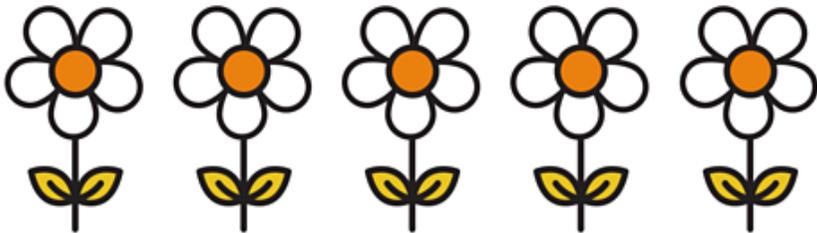
Here are the numbers: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 on a hundred square.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Each number is **5 more** than the number before. When counting in fives, the last digit will always end with either 0 or 5.

### Activity 1:

These flowers all have **5 petals** each.



- How many flowers are there?

- How many petals are there?

Count in 5s to help you work out the number of petals.

### Activity 2

Print off the worksheet called [Maths lesson 3 – counting in 5s](#) and answer the questions. If you don't have a printer then write your answers down on some paper.

## Lesson Four – Number bonds to 10 and 20

**Number bonds** are a pair of numbers that add up to make another specific number. They are sometimes called **number pairs**.

Here are some **number bonds to 10**:

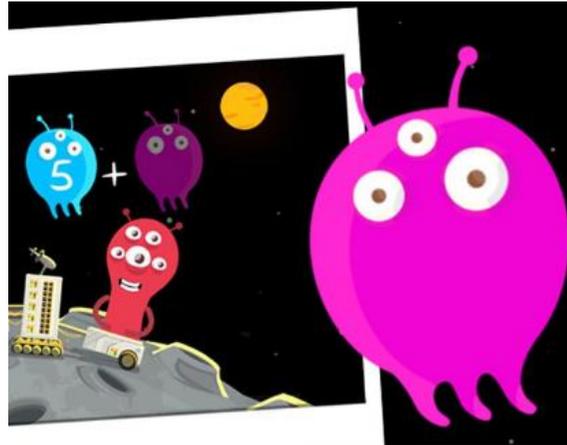
$$8 + 2$$

$$7 + 3$$

Here are some **number bonds to 20**:

$$16 + 4$$

$$15 + 5$$



Click on this link:

<https://www.bbc.co.uk/bitesize/articles/zh8m6v4>

Watch the video and then play the 2 games where you have to make number bonds to 10 and 20.

### Activity 1:

Print out the worksheet called [Maths lesson 4 – Number bonds to 10](#) and complete the answers. If you don't have a printer, write your answers down on a piece of paper.

### Activity 2:

Print out the worksheet called [Maths lesson 4 – Number bonds to 20](#) and complete the worksheet. If you don't have a printer, write your answers down on a piece of paper.

## **Lesson Five – Online games**

Play each of these online games to practise the skills you have learnt so far this week:

### **Helicopter rescue**

<https://www.topmarks.co.uk/learning-to-count/helicopter-rescue>

### **Chopper Squad**

<https://www.topmarks.co.uk/learning-to-count/chopper-squad>

### **Place value Basketball**

<https://www.topmarks.co.uk/learning-to-count/place-value-basketball>

### **Number bonds to 10**

<http://www.ictgames.com/saveTheWhale/>