

# Marvellous Maths

## Year 1:

This week we would like you to focus on recognising the value of coins and notes and using number bonds to help solve money problems.



### 1. Maths mats

Start the week by giving your child one or both of the maths mats to complete independently.

Add 10, then small multiples of 10 to 2-digit numbers.

1-100 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

How can Spider calculate  $42 + 20$ ?

$42 + 20 = 62$

The 10s digit changes, but the 1s digit doesn't.

### 2. Recognising the value of coins and notes.

Ask you child to sort the coins and notes in your wallet/purse. Can they tell you the value of them? Can they put them in order of value?

Next ask your child to play the coins games found at:

<https://www.topmarks.co.uk/money/coins-game>

Here you will find games where your child needs to sort, order and count coins.

### Coins Game

Sorting Ordering Counting

Order the Coins

- 1p to 20p
- 1p to 50p
- Any 6 coins

Choose:

### 3. Watch the BBC video clips on the value of coins (click the links as it won't allow me to put these on the video page):

Different ways to make 10p: <https://www.bbc.co.uk/bitesize/clips/zknyr82>

Different ways to make 20p: <https://www.bbc.co.uk/bitesize/clips/zh9d2hv>

Can your child use the coins in their moneybox (or your purse!) to show you as many different ways of making 10p and 20p as possible? They could draw their findings, and/or write them as number sentences  $1p+2p+2p+5p=10p$ .

Complete the 'Week 1 Wednesday Lesson' PDF.



### 4. Watch the video of El Nombre helping the children to make 50p in different ways: <https://www.bbc.co.uk/bitesize/clips/z7ckq6f>

Can your child find 5 different ways to make 50p using coins from your purse?

[[[For those children who are super-confident about grouping different coins, there are also various other clips about money, including showing different ways to make £1 or £2 as well: <https://www.bbc.co.uk/bitesize/topics/zp8dmp3/resources/3>]]]



Complete the 'Week 1 Thursday Lesson' PDF

### 5. Watch El Nombre explain about getting change from a 20p piece: <https://www.bbc.co.uk/bitesize/clips/zrnyr82>

Complete the 'Week 1 Friday Lesson' PDF

The best way to consolidate learning and understanding is through practical activities! Ask your child to make a shop where everything costs up to 20p. Ask them to label all the items with their price, and give them a variety of coins for 'change'. Then play 'shopping', giving different rules for the buying, to practice the different skills—eg only buying two items that cost the same price (doubling), and asking for the correct money; only giving them 10p to spend and telling them they can only buy two items that add up to 10p exactly (number bonds); same with 20p; three items less than 50p etc. Swap and make your child the shopkeeper, where you buy one, and then two items totalling less than 20p so your child has to give you change from 20p.

