Short Heath Federation

Maths Passports

Reception and Key Stage 1

A Guide for Parents

Frequently Asked Questions

Where can I do the passport activities with my child?
Anywhere! In the car, out and about, at the supermarket or at home. Most activities can be done through talking with your child.

How often?
We suggest daily for best results.

How long should we do it?
Around 10 minutes will do. Don't overdo it, as your child may 'switch off' and we want them to see that maths is fun!

How many targets should I work on at once?
This is your choice. You can work on one target or several from the same passport.

Why isn't my child writing much down during the activities?
Children need to learn these targets mentally. Writing them down may slow their progress. They will remember them better if this has been done through talk and playing games.

Why?
This will ensure that they have **REALLY** learnt them by heart!

What's in this booklet?

This booklet has the objectives for the Europe, Asia and Africa passports. These are the passports students in Reception and Key Stage 1 will progress through. After each objective there are also some ideas to try at home, for you to help your child achieve their goals.

Are there any other activities I can do to help? Where can I find them?

This booklet has suggested activities with which you can practice with your child. There are also lots of different ways to practice and fit in maths during everyday activities. On the way home from school, either walking or in the car you can ask your children or test them. If they have brothers or sisters they can do the activities with them as well. Remember, try and make it fun so that your children look forward to and enjoy their learning.

Passports Progress at Rosedale
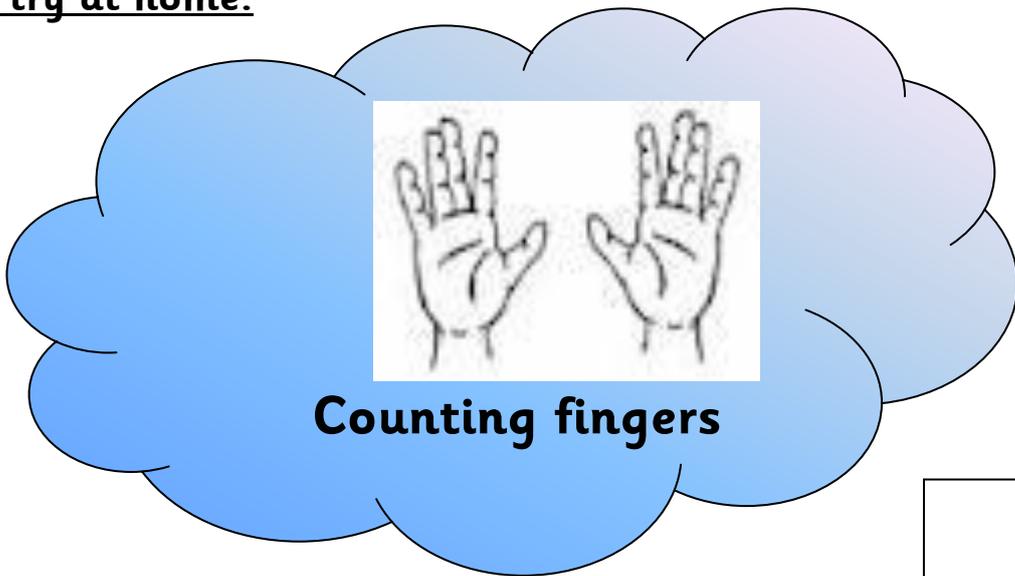
Europe

Reception

Asia

Year One

Africa

Year Two

Europe (Reception)

Europe	Achieved	Achieved	Achieved
Say the numbers 0 to 20 accurately			
Say 1 more than any number between 0 – 20			
Say 1 less than any number between 0 - 20			
Doubles to five			
Ordering numbers to 20			

Ideas to try at home:

Counting fingers

Counting fruit or toys

Counting steps to bed

One more…
One less…

Counting whilst shopping!

When shopping ask your child to get ==one more== item.

    + = 5
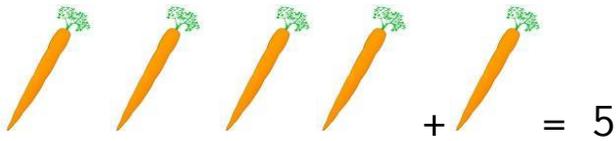
What is the number after ...?
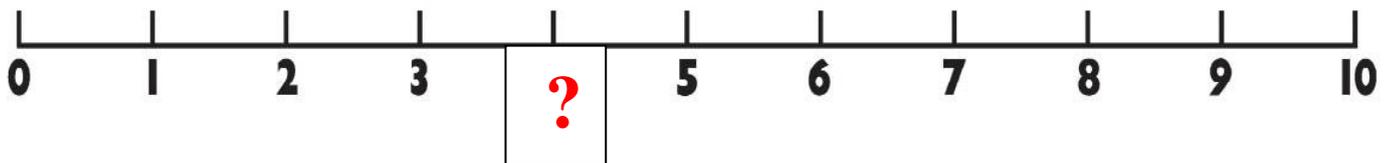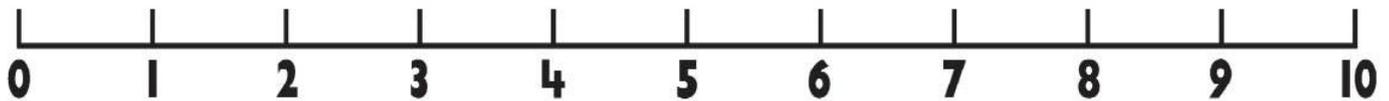
5 ⟹ 6

Numberlines

Using a number line (or a set of number cards) cover a number and ask your child what number would come next?

```
0  1  2  3  ?  5  6  7  8  9  10
```

Practise some of your own:

```
0  1  2  3  4  5  6  7  8  9  10
```

```
0  1  2  3  4  5  6  7  8  9  10
```

```
0  1  2  3  4  5  6  7  8  9  10
```

One Less

Three bananas, take 1 away.   How many left?
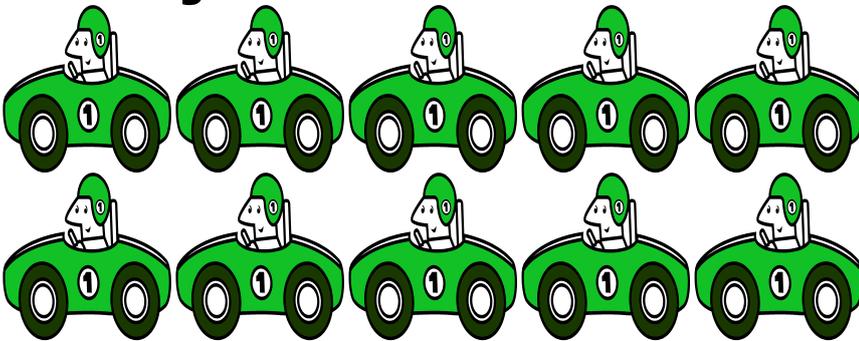
   - =

Using fingers

Hide one, how many left?

Use toys to count backwards

Start with 10

Take 1 away. How many left? Try starting with a different number.

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

Asia (Year 1)

Asia	Achieved	Achieved	Achieved
Count to 100, forwards and backwards, beginning with 0 or 1, or from any given number			
Read and write numbers to 100 in numerals			
Count in two			
Count in fives			
Count in tens			
Identify one more and one less to 100			
Know by heart all number bonds to five			
Know by heart all number bonds to ten			
Recall the doubles of all numbers to at least ten			
Know what is meant by odd or even numbers and can recognise them up to at least 20			

Ideas to try at home:

Make sets of 2 and count them up by counting in 2s

2   **4**   **6**   **8**
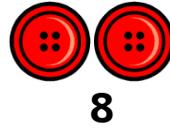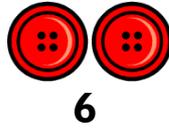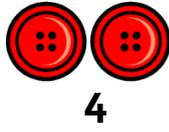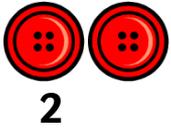
Can you carry on a number pattern?

Find the missing numbers in a sequence...
2, ___ 6, 8, ___ 12, ___

0	4	2	6	20

Put the number cards in the correct order:

| 0 | 4 | 2 | 6 | 20 |

| | | | | |
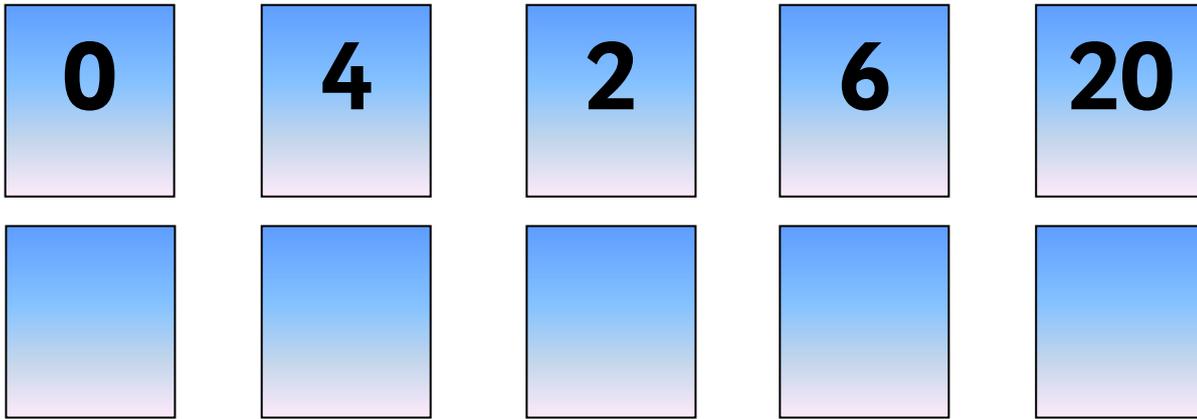
Counting in fives:

Make sets of 5 and count them up by counting in 5's

5   10   15   20   25   etc...
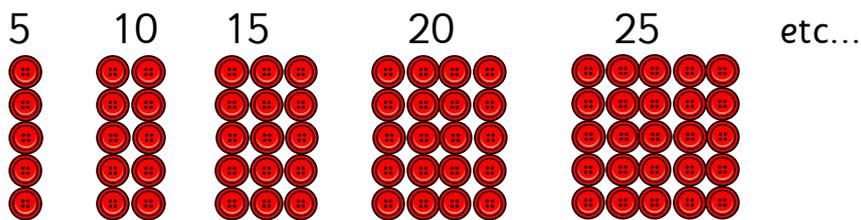
Carry on a number pattern.

Find the missing number in a number sequence.

5 | ? | 15 | ? | 25 | ? | 35 etc.

Counting 5p coins.

How many pence altogether? 5? 10?   15? 20?   Etc

Counting in tens:

Make sets of 10 objects and count them up counting in 10's.

10   20   30

Carry on a number pattern

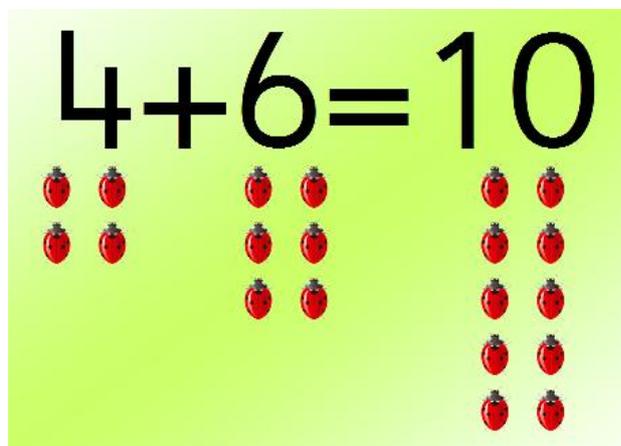What are the correct missing numbers in the sequence?

10   20   30   ⭐   ⭐   60

40? 50? 60?

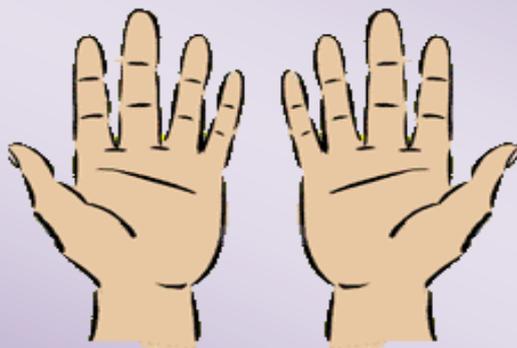Make your own!

Ideas to try at home:

Splitting 10

Get 10 objects and find different ways of splitting them into 2 groups like the pictures below:

4+6=10

Can you find other numbers that make 10?

Show me 4 fingers. How many more do you need to make 10?
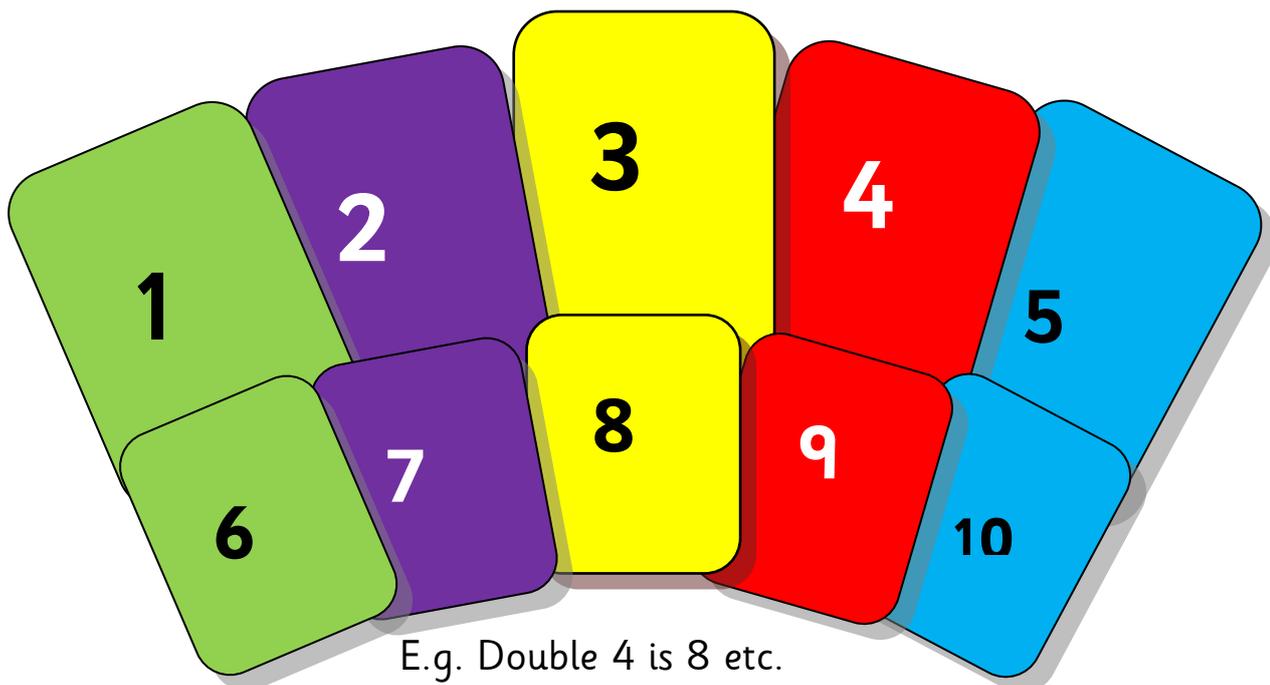

Doubling:
Roll a dice say what double the number rolled is:
E.g. Double 6 is 12 etc

Using number cards face down 0-10

Pick a number. Say what it is doubled.

E.g. Double 4 is 8 etc.

Africa (Year 2)

Africa	Achieved	Achieved	Achieved
Count in 3s			
Compare and order numbers up to and across 100 (< > =)			
Read and write numbers to and across 100 in numerals and words			
Know by heart all number bonds that total 20			
Know by heart all bonds of multiples of 10 up to 100			
Know by heart doubles of all numbers to 20			
Know by heart all halves of numbers to 20			
Know by heart all X and ÷ facts for 2			
Know by heart all X and ÷ facts for 10			
Know what is meant by odd or even numbers and can recognise them up to 100			
I can round 2 digit numbers to the nearest 10			

Number bonds to 20

9	11		13	7

How many pairs of numbers can you think of that make 20?
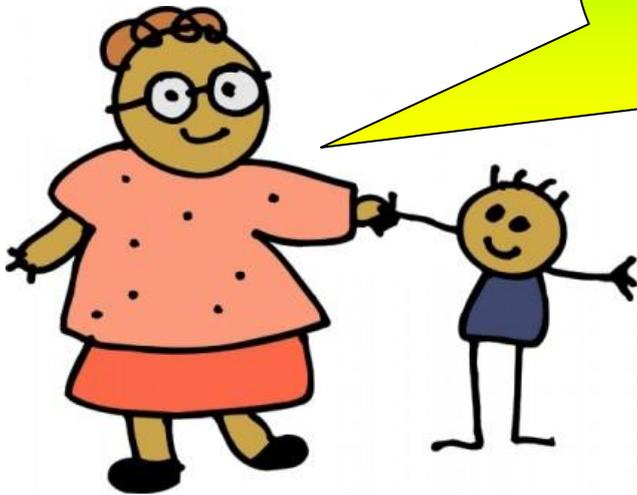
Put 20 coins into a bag.

Take 3 out... How many are left?
REPEAT with different amounts.

17

Remember 20p can also be made from:

Halving

Mina has 24 stickers; she gives half of them to her brother. How many stickers does she give him?

**Multiplication and Division Facts
(2, 3, 5 and 10)**

Quick fire questions:

Ask the table questions in any order – eg:

2 x 3, 10 x 3
2 x 4, 10 x 6
2 x 7, 10 x 5

Chanting and counting in 2's, 3's, 5s and 10's

Eg.
Count on: 2, 4, 6, 8, 10, 12, 14, 16, 18, **20**

And back: **20**, 18, 16, 14, 12, 10, 8, 6, 4, 2

Odds and Evens

Odds always end in
1, 3, 5, 7, 9

Evens always end in
0, 2, 4, 6, 8

Quick fire questions

Ask questions using words related to **division**;
What is 4 shared by 2?
How many groups of 2 in 12?
How many sets of 2 do I get with 18?

Share sweets/toys into equal groups

Rounding

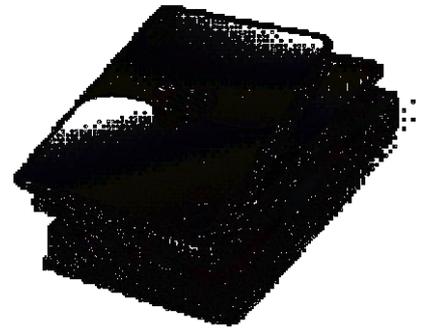11, 12, 13, 14 rounded to the nearest ten = 10

BUT

15, 16, 17, 18, 19 rounded = 20

Any number ending in 5 or above rounds to the next ten.

Ideas to try at home:

Shuffle some playing cards, taking out the Jacks, Queen and Kings. Show the top card and answer if the number rounds up or down. Get through the deck as quickly and accurately as possible. Ace is equal to 1.

Maths Passport

Name: _____

Picture:

Europe

Asia

Africa