

Where will your
mathematical
knowledge take you?



1. Europe

Europe Targets	Date Achieved	Date Achieved	Date Achieved
Count to and back from 100, starting from any number			
Say 1 more than any number from 0 - 100			
Say 1 less than any number from 0 - 100			
Count in multiples of two			
Count in multiples of five			
Count in multiples of ten			
Know by heart all number bonds that total ten			
Recall the doubles of all numbers to ten			
Recall the halves of all even numbers to ten			
Know by heart all number bonds that total 20			



RUSHDEN
PRIMARY ACADEMY

Fluency Passport
Stage 1 Europe

Name: _____

Class: _____



Stage 1: Europe

Target	Example	Can your child answer these questions?
Count to and back from 100, starting from any number	27, 28, 29, 30, 31 ... 99, 98, 97, 96, ...	Start at the number 27 and count on until you reach 40. Count backwards from 99.
Say 1 more than any number from 0-100	1 more than 44 is 45.	Which number is 1 more than 44? There are 27 children in a class. Another child joins. How many children are there now?
Say 1 less than any number from 0-100	1 less than 85 is 84.	What is one less than 85? There are 32 apples on a tree. If I pick one, how many will be left?
Count in multiples of 2	2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24	What number comes after 8 when counting in 2s?
Count in multiples 5	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60	20, 25, 30. What number comes next?
Count in multiples of 10	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120	90, 80, 70. What number comes next in this sequence?
Know by heart all number bonds that total ten	0+10, 1+9, 2+8, 3+7, 4+6, 5+5	What would you add to 7 to get a total of 10? Use the number cards from 1 to 9, can you pair the numbers which make 10? How many pairs of numbers can you remember that add together to make 10?
Recall the doubles of all numbers to 10	Double 1 is 2, double 2 is 4 up to... double 10 is 20	I roll double 3, what is my score? Pick a number, now double it. Explain how you know your answer is right. I doubled a number and got 10. Which number did I double?
Recall the halves of all even numbers to ten	Half of 2 is 1, half of 4 is 2 up to... Half of 10 is 5.	What number must I halve to get 8? Sam has 6 stickers. If he gives half to his brother how many will be halve left?
Know by heart all number bonds that total 20	0+20, 1+19, 2+18 up to...10+10	How many pairs of numbers can you think of which total 20? What would you add to 4 to get a total of 20? Use number cards from 1 to 19, can you pair the numbers which make 20?

RPA Fluency Passport: Information for Parents

The mathematics curriculum has three key aims. These are to ensure that all pupils; become fluent in mathematics, can reason mathematically and can solve problems. As an academy, over the last year we have been working hard to develop problem solving activities within lessons and encouraging children to explain their thinking and give reasons for their choices. The new 'Fluency passport' allows us to work in partnership with parents and carers to focus on the third key aim, fluency.

Our passport is broken down into each of the inhabited continents of the world, each focusing on different mathematical skills linked to the National Curriculum. Before a passport is issued to our youngest children, they will have to complete a series of challenges known as 'Getting Ready to Travel' which is based on the EYFS curriculum targets.

The Fluency passport will be used to help children master key mental arithmetic skills. They will be required to demonstrate quick recall and understanding of the different skills a number of times before staff will sign these off and allow the children to progress.

The key skills for each continent are listed alongside examples of how this skill can be demonstrated and example questions which can be used to test children's ability and understanding.

Targets will be assessed termly and upon completion of a continent at the end of the year, children will receive a certificate to take home which celebrates their success. The continents and targets will be completed in the order; Europe, Africa, Asia, Australia, North America, South America and finally Globetrotters.

Thank you in anticipation for your support.

Happy travelling!