How you can help your child...

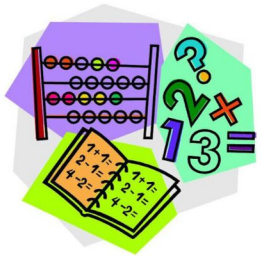


- Passport Objectives may form part of Home Learning that is set for your child and working on these skills at home will hugely benefit the children's progress and 'mastery'.
- Practise the skills with your children. This doesn't have to be formal. Ten minutes practising number facts in the car on the way to school, playing a number bonds game over tea etc will make a big difference.
- Make it fun and repetitive. Singing songs is a great way to learn and memorise mathematical facts. Lots of songs can be found on Youtube to support this.
- Little and often!
- There are lots of online games and resources that you can access at home to support the children's development of these skills.

Below are some links that you may wish to follow to some of the online resources available...

Useful Links and websites…

- TT Rockstars: https://play.ttrockstars.com/auth
  Children have individual logins for this, usually found in their school reading record.
- MathsFrame: https://mathsframe.co.uk/
- Topmarks: https://www.topmarks.co.uk/maths-games/5-7-years/counting
- Mathszone: https://mathszone.co.uk/
- BBC Bitesize: https://www.bbc.co.uk/bitesize/subjects/z826n39

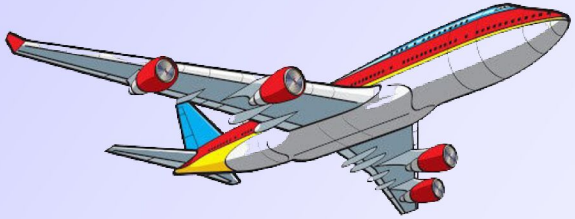


St. Benedict's Catholic Primary School

Encouraging Faithfulness, Courage and Respect

Insert child's photo here









Grab your passport – It's time to jet off and explore the wonderful world of Mathematics!



Welcome to your Maths Passport and the opportunity to explore the 7 continents of the world through fun and exciting Maths learning!
Are you ready for take off...?

What is Maths Passports?

Maths Passport is a collection of the key arithmetic objectives from each year's Maths curriculum. The objectives are organised by year group and into continents (starting with Europe for Early Years through to Antarctica in Year 6).
By the end of each year, the children should be confident in using and applying the key skills outlined in their year group continent.

How does it work?

- Children will take part in short, sharp sessions in class at least 3 times per week to develop their understanding and application of these skills, including their speed of recall.
- This will be done through fun, engaging and exciting activities in the classroom, using physical resources, digital devices and also outside in the school environment.
- Children will continue to build on these skills throughout the year, repeating learning in many different ways and honing their skills to show 'Mastery' of the learning.
- The children will be assessed at regular intervals to track their progress and recognise their achievements.
- By the end of the school year, children should be confident with their year group objectives and this will fully
- prepare them for the following years' learning in Maths.
- Children's passports will follow them through school to track their progress over time.



- Maths Passport Objectives Overview

NORTH AMERICA (Year 4)	SOUTH AMERICA (Year 5)	ANTARCTICA (Year 6)	GLOBE TROTTER (TBC) (Deepening/ Y7)
Count in multiples of 6, 7,9, 25 &1000	Add & Subtract mentally with numbers to 1000	Perform mental calculations with mixed operations	
Find 1000 more or less than a given number	Know equivalent Fractions, decimals and percentages of amounts	Find fractions, decimals & percentages of amounts	
	Recall decimal fraction equivalents for ½ , ¼, 1/5 & 1/10	Compare and order fractions, decimals and percentages	
Double & Halve any 2-3 digit number	Double & Halve any number to 1-2 decimal places		
Recall & Use Multiplication & Division facts for ALL tables to 12x12 (new:6,7,9,11,12)	Multiply & Divide whole numbers and decimals by 10, 100 & 1000.	Convert units of measure by multiplying & dividing numbers by 10, 100 & 1000	
Multiply a 2digit number by a 1digit number using known facts	Multiply pairs of 2-3 digit numbers using known facts (multiples of 10)	Multiply decimal numbers to 1d.p. mentally	
Recognise multiples & factor pairs	Find multiples & all factor pairs of given numbers	Know common factors & common multiples	
Read and Write Roman Numerals to 100	Read & Write Roman Numerals to 1000	Express missing number problems algebraically	
Multiply & Divide whole numbers by 10 & 100	Recall Square (up to 20)/Cubed numbers and Square Roots		
	Know all prime numbers to 100		

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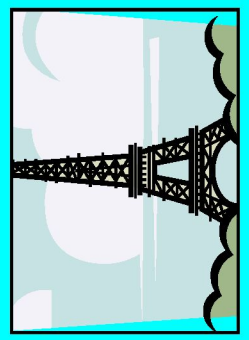
EUROPE (EYFS)	ASIA (Year 1)	AFRICA (Year 2)	AUSTRALASIA (Year 3)
Subitise with numbers to 5	Count to & across 100	Count in steps of 2, 3 and 5 from 0, and in 10s from any number, forward and back-wards	Count in multiples of 4, 8, 50 & 100
Have a deep under-standing of number to 10 & composition of Number	Count in multiples of 2, 5 & 10	Recall and use addition and subtraction facts to 20 fluently & derive & use related facts to 100.	Find 10 or 100 more or less than a given num-ber
Automatically recall bonds to 5 and some to 10	Add & Subtract 1 digit & 2 digit numbers to 20 mentally	Know all bonds of multiples of 10 to 100	Know by heart all num-ber bonds to 100
Recall doubles to 10	Know 1 more & 1 less than a given number	Recall double & halves of numbers to 20	Add & Subtract mental-ly: 3digit + 1digit, 3dig-it + 10s, 3 digit +100s
Verbally count beyond 20	Know & use number bonds to 20	Recall & Use multipli-cation & division facts for 2,5&10s	Recall & use multipli-cation & division facts for 3s,4s & 8s
Recognise odd & even numbers to 10	Recall doubles of numbers to 10/20		Multiply any whole number by 10, 100
		Recognise multiples of 2,5 & 10 t0 1000	Recognise multiples of 4 & 8 up to 1000



1. Europe



Subitise with numbers to 5

Have a deep understanding of number to 10, including the composition of each number

Automatically recall number bonds to 5 and some number bonds to 10

Recall doubles to 10

Verbally count beyond 20

Recognise odd and even numbers to 10



2. Asia



Count in multiples of 2, 5 and 10	
Know 1 more and 1 less than a given number to 100	
Count to and across 100	
Add and subtract 1 digit and 2 digit numbers to 20 mentally	
Know and use number bonds to 20	
Recall the doubles of all numbers to at least ten	



7. Antarctica



Perform mental calculations with mixed operations	
Find fractions, decimals and percentages of amounts and quantities	
Compare & order fractions, decimals and percentages	
Convert units of measure by multiplying & dividing numbers by 10, 100 & 1000	
Multiply decimal numbers to one decimal place, mentally	
Know all common factors and multiples	
Express missing number problmes algebraically	



6. South America



Add and subtract mentally with numbers to 1000	
Know equivalent fractions, decimals and percentages of amounts	
Recall decimal equivalents for 1/2, 1/4, 1/5 & 1/10	
Double and halve any number to 1—2 decimal places	
Multiply & Divide whole numbers and decimals by 10,100 & 1000	
Multiply pairs of 2-3 digit numbers using known facts (multiples of 10)	
Find multiples & all factors pairs of given numbers	
Read & Write Roman Numerals to 1000	
Know all prime numbers to 100	
Recall Square (up to 20)/Cubed numbers & Square roots	



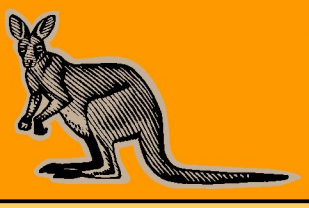
3. Africa



Count in steps of 2,3 and 5 from 0, and in tens from any number, forwards and backwards	
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	
Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.	
Know by heart all multiplication and division facts for 2 up to 2 x 10	
Know by heart all multiplication and division facts for 5 up to 5 x 10	
Know by heart all multiplication and division facts for 10 up to 10 x 10	
Recognise multiples of 2, 5, 10 up to 1000	



4. Australasia



Count in multiples of 4, 8, 50 and 100	
Know by heart all number bonds that total 100	
Find 10 or 100 more or less than a given number	
Add and subtract mentally: 3 digit + 1 digit, 3 digit + 10s, 3 digit + 100s	
Know by heart all multiplication and division facts for 3,4 and 8's	
Multiply any number by 10 and 100	
Recognise multiples of 4 and 8 up to 1000	



5. North America



Count in multiples of 6, 7, 9, 25 and 1000.	
Find 1000 more or less than a given number	
Double and halve any 2 and 3 digit number	
Recall and use multiplication and division facts for all tables to 12 x 12 (new: 6,7,9,11,12)	
Multiply a 2 digit number by 1 digit number using known number facts	
To know by heart number bonds of multiples of 10 that total 1000	
Recognise multiples and factor pairs	
Recognise Roman Numerals to 100	
Multiply & Divide whole numbers by 10 & 100	