



# PASSPORT TO NUMERACY

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RAVENSTONE PRIMARY SCHOOL  
Autumn 2009



# Passport to Numeracy

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Dear Parents / Carers

Passport to Numeracy. This is a maths support for Year 1-6 which we hope will encourage the learning, understanding, enjoyment and development of number skills needed in order to become a skilled and confident mathematician.

In some form we use maths skills every day, maths is a powerful tool for understanding the world, and understanding how the number system works, being confident in its use is vital to the development and enjoyment of independence in mathematics.

We hope you will enjoy encouraging your child to travel round the world by learning and using the tasks in the Passport.

Happy travels.



# How it works

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- Each child in Years 1 to 6 will have a passport which will be kept in school.
- They begin the journey tasks in Europe, travelling through continents until finally becoming a Globetrotter.
- Each task will be tested 3 times. Testing will not be on a weekly basis but when the teacher feels the child has a good chance of success.
- When a child has completed all tasks in a continent their passport will be stamped and they will go on to next continent.
- The tasks are progressively more difficult and designed to consolidate learning over several years.
- On the following pages you will see the tasks under their continent headings.



# EUROPE

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- Say the numbers 0 to 10 accurately
- Say 1 more than any number between 0  
-10
- Say 1 less than any number between 0  
-10



# ASIA

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- Count in twos
- Count in fives
- Count in tens
- Know by heart all number bonds to ten
- Recall the doubles of all numbers to at least ten



# AFRICA

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- 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 multiplication facts for 2 up to  $2 \times 10$
- Know by heart all division facts for 2 up to 20
- Know by heart all multiplication facts for 5 up to  $5 \times 10$
- Know by heart all division facts for 5 up to 50
- Know by heart all multiplication facts for 10 up to  $10 \times 10$
- Know by heart all division facts for 10 up to 100



# AUSTRALASIA

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- Know by heart all sums and differences of multiples of 10 up to 100
- Know by heart all number bonds that total 100
- Know by heart all multiplication facts for 3 up to  $3 \times 10$
- Know by heart all division facts for 3 up to 30
- Know by heart all multiplication facts for up to  $4 \times 10$
- Know by heart all division facts for 4 up to 40
- Know by heart all multiplication facts for 6 up to  $6 \times 10$
- Know by heart all division facts for 6 up to 60
- Know by heart all multiplication facts for 8 up to  $8 \times 10$
- Know by heart all division facts for 8 up to 80
- Recognise multiples of 2, 5, 10 up to 1000



# NORTH AMERICA

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- Double any 2 digit number
- Halve any 2 digit number
- Know by heart all multiplication facts for 7 up to  $7 \times 10$
- Know by heart all division facts for 7 up to 70
- Know by heart all multiplication facts for 9 up to  $9 \times 10$
- Know by heart all division facts for 9 up to 90



# SOUTH AMERICA

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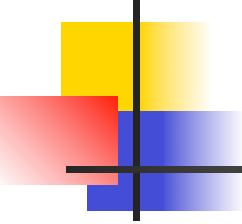
- Double any number with up to 1 decimal place
- Halve any number with up to 1 decimal place
- Recall quickly multiplication facts up to  $10 \times 10$  and use them to multiply pairs of multiples of 10 and 100 e.g.  $30 \times 70$ ,  $40 \times 200$
- Know the factors of all timetable answers up to  $10 \times 10$



# GLOBETROTTERS

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- Know by heart all the squares of numbers between 1 and 12
- Know by heart all squares of multiples of 10
- Recognise and recall factors of numbers up to 100 and corresponding multiples of 100
- Know by heart equivalents for fractions, decimals and percentages

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- Finally... if you have any queries please see your child's teacher or myself – or book in to Maths Surgery which is held on alternate Friday mornings between 9am and 10am. Sign up in the main office (appointments are usually for 10 minutes).

Max Furnell