



Lady Boswell's



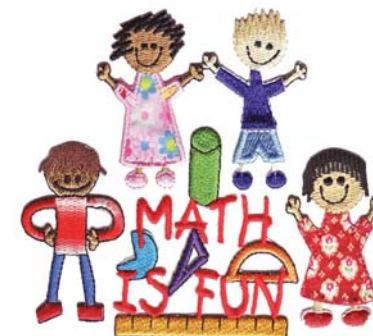
Maths Passport



Name: _____

Year Group: _____

Class: _____





Your maths passport



Geography Challenge!

On each continent's page there is also a geography challenge. Please help your child to improve their skills and world knowledge by using an atlas or a globe to answer the questions.

What is it?

- Each child will be given a passport which they will take with them through school. The passport tracks progression in basic number skills. The children will develop instant recall skills in all the objectives – they should not be taking time to work out the answer to each question, they need to know it instantly.

When do it?

- The class teachers will work with your child's group regularly to check their progress and set them the passport skill to practise.

Where to start?

- All children will start at their attainment level and progress through the passports at their own pace. The aim is to complete the passports when they get to Year 6. At first, it may seem that the work they are doing is too easy but we want to check how quick all the children are at each objective. When your child can complete a target, get them to time themselves, to see how quickly they can complete the task.

How to help at home

- We would ask that you spend 10 minutes each evening practising your child's passport skills with them. This could be in the car, at teatime, before bed – it doesn't need to be a sit down, formal time. For most of the skills, you could try the same procedures:

e.g. number bonds to 10, you say 6, your child says 4

e.g. 3 x times table, you say 3, your child says 9

e.g. $4+3=?$ $?+4=7$ $3+?=7$

How to complete the passport

- When your child's teacher sees your child complete a task they will sign the appropriate page. After they have witnessed them complete the task three times, your child's passport will be stamped.

Europe



Fun Facts about Europe:

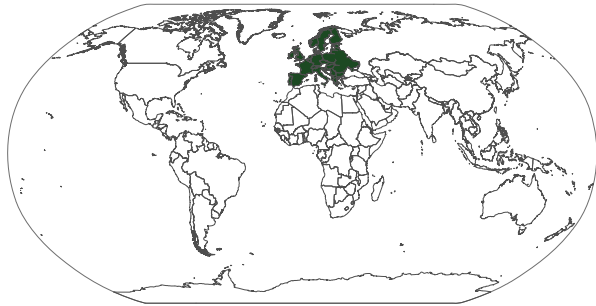
- Europe is the sixth largest continent in size. It is bordered by the Mediterranean Sea to the south, Asia to the east, and the Atlantic Ocean to the West.
- Europe has been the home to some of the Earth's greatest civilisations from Ancient Greece to the Roman Empire.
- The tallest mountain in Europe is Mount Elbrus.
- Most of Europe now uses the same currency called the Euro.

Geography Challenge:

Can you fill in the capital cities of these countries in Europe?

England..... France..... Italy.....

Germany..... Spain..... Belgium.....



Europe



	Date achieved	Date achieved	Date achieved	Flag achieved
1. I can count from 0 to 100 and back from any given number.				
2. I can read and write numbers reliably from 0-100 .				
3. I can say 10 more or ten less than any number up to 100 .				
4. I know by heart all number bonds to 20 .				
5. I can count in 2s , 5s , and 10s to 100 .				
6. I recognise odd and even numbers.				

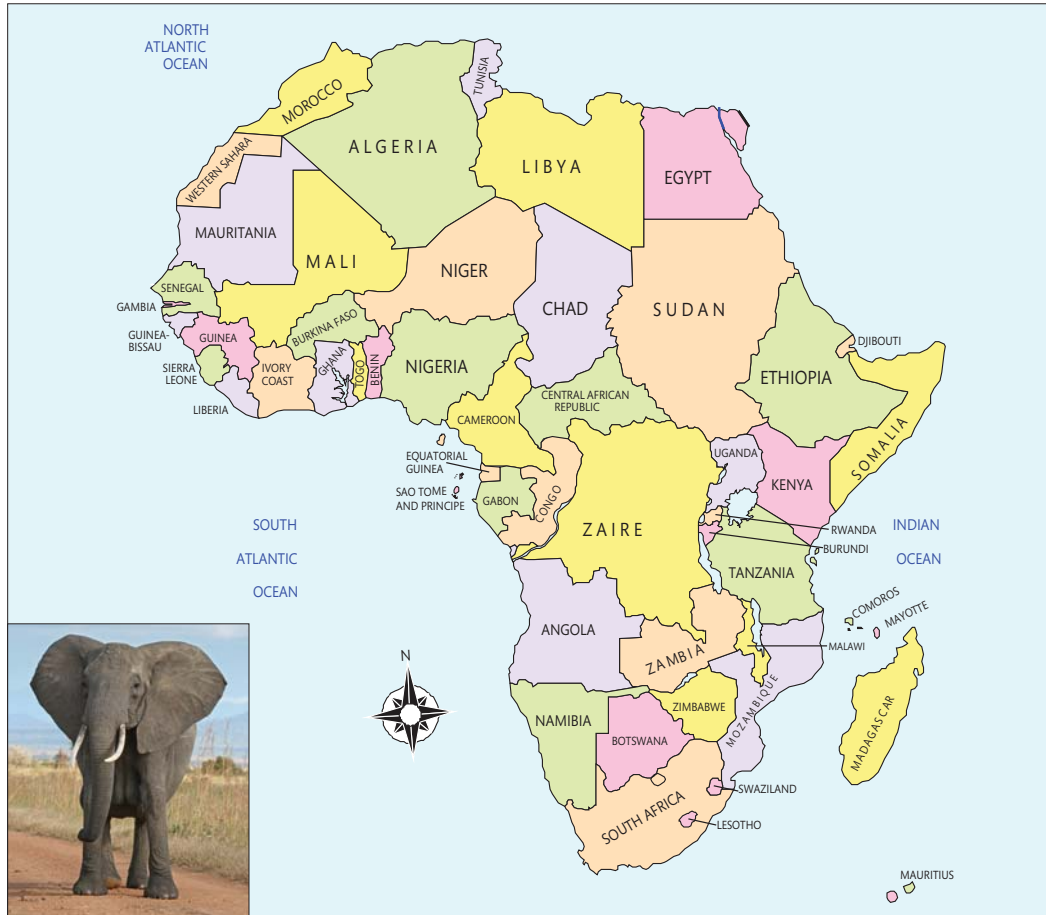
In Maths this term I am most proud of:-

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Africa



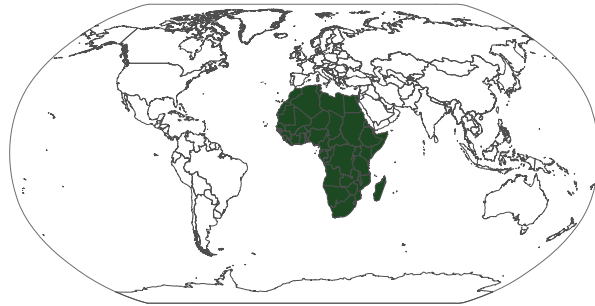
Fun Facts about Africa:

- Africa stretches south of the Equator to cover more than 12 million square miles making Africa the world's second largest continent.
- The continent of Africa borders the southern half of the Mediterranean Sea. The Atlantic Ocean is to the west and the Indian Ocean is to the southeast.
- Africa has the world's second largest population.
- The highest point in Africa is Mount Kilimanjaro in Tanzania at 5895 metres high. The lowest point is Lake Assal in Djibouti at 155 metres below sea level.
- The largest country in Africa is Algeria; the smallest is The Seychelles. The most populated country is Nigeria.
- The largest lake in Africa is Lake Victoria and the longest river is The Nile, which is also considered to be the longest river in the world.
- African languages are varied with more than 1000 languages spoken across the continent.

Geography Challenge:

1. What is the longest river in Africa?
2. What is the name of the desert that runs roughly along the Tropic of Cancer?
3. What is the capital city of Egypt?





Africa



	Date achieved	Date achieved	Date achieved	Flag achieved
1. I can read and write numbers to at least 100 in words.				
2. I can count in steps of 2, 3, 5 and 10 forwards and backwards from any given number up to 100.				
3. I can compare and order numbers from 0-100 using = and < and > signs.				
4. I can rapidly use and recall addition and subtraction facts to 20 .				
5. I can recall multiplication and division facts for my 2, 5 and 10 times tables.				
6. I know the place value of each digit in a 2- digit number.				

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North America



Fun Facts about North America:

- North America is the third largest of the seven continents. It is bordered by the Atlantic Ocean to the east and the Pacific Ocean to the west. North America is dominated by its three largest countries: Canada, Mexico, and the United States. Central America and the Caribbean are also part of North America.
- The city with the largest population in North America is Mexico City, Mexico.
- The longest river in North America is the Mississippi River.
- Lake Superior is the largest fresh water lake in the world. It is located on the border between the United States and Canada.
- The country of Greenland is the biggest island on the planet.
- How many states of the USA can you name?

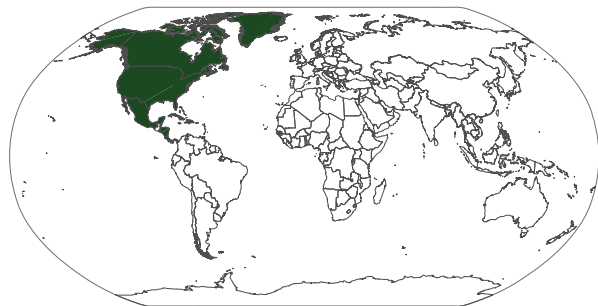
Geography Challenge:

Can you fill in the capital cities of these countries in North America?

Canada United States of America

Jamaica Greenland





North America



PASSPORT

	Date achieved	Date achieved	Date achieved	Flag achieved
1. I can read and write numbers to 1000 recognising the place value of each digit.				
2. I can rapidly recall the 2,3,4,5,8 and 10 times tables, including the inverse operations.				
3. I am able to rapidly halve or double any even number up to 100 .				
4. I can mentally add ones, tens or hundreds to a 3 digit number.				
5. I can compare and order numbers from 0-1000 using < and > signs.				
6a. I can add any 3 digit number using a columnar method.				
6b. I can subtract any 3 digit number using a columnar method.				

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South America



Fun Facts about South America:

- South America is the fourth largest continent in size and the fifth largest in population.
- It is bordered by the Atlantic Ocean to the east and the Pacific Ocean to the west.
- The geography of South America is dominated by the Andes Mountain Range and the Amazon River (second longest river in the world).
- The largest South American country in both size and population is Brazil.
- North and South America were named after Italian explorer Amerigo Vespucci.



Geography Challenge:

Can you fill in the capital cities of these countries in South America?

Brazil Argentina Peru
 Chile Venezuela Colombia





South America



	Date achieved	Date achieved	Date achieved	Flag achieved
1. I can count in multiples of 25 and 1000 .				
2. I recognise the place value of any digit in a 4 digit number.				
3. I can recall multiplication and division facts for multiplication tables up to 12×12				
4. I can count forwards and backwards with positive and negative numbers through zero.				
5. I can compare and order numbers beyond 1000 or with up to 2 decimal places.				
6. I can round any number to the nearest 10,100 or 1000 .				

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Asia

Fun Facts about Asia:

- The continent of Asia is the world's largest and most populous continent with over 4 billion people calling Asia home. Asia also contains the world's most populous country, China, and the world's largest country, Russia. Asia borders Africa and Europe to the west and the Pacific Ocean to the east.
- The continent of Asia is so large and diverse that it is often divided into sub-regions: Northern Asia, Western Asia, Central Asia, Southern Asia, Eastern Asia, Southeast Asia.
- Asia is almost 30% of the world's land area and contains 60% of the world's population.
- The highest point on earth, Mount Everest, is in Asia. The lowest point on land, the Dead Sea, is also in Asia.
- Asia is the only continent that shares borders with two other continents - Africa and Europe. It sometimes joins with a third continent, North America, in the winter by ice forming in the Bering Sea.
- Asia contains many of the most populated cities in the world including the three largest: Shanghai and Beijing (China) and Mumbai (India).



Geography Challenge:

1. Can you name the northernmost part in Asia?.....
2. Can you name the longest river in Asia?.....
3. Can you name the two mountain ranges that form a boundary between Asia and Europe?..... and





Asia

	Date achieved	Date achieved	Date achieved	Flag achieved
1. I can recognise the place value of any digit in any number.				
2. I can multiply and divide numbers by 10 , 100 and 1000 , including decimal numbers.				
3. I know the value of Roman numerals to 1000 .				
4. I can recall all times tables and inverse division facts at speed.				
5. I know whether a number is a prime number up to 100 .				
6. I know the % and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and of fractions where the denominator is a multiple of 10 or 25.				

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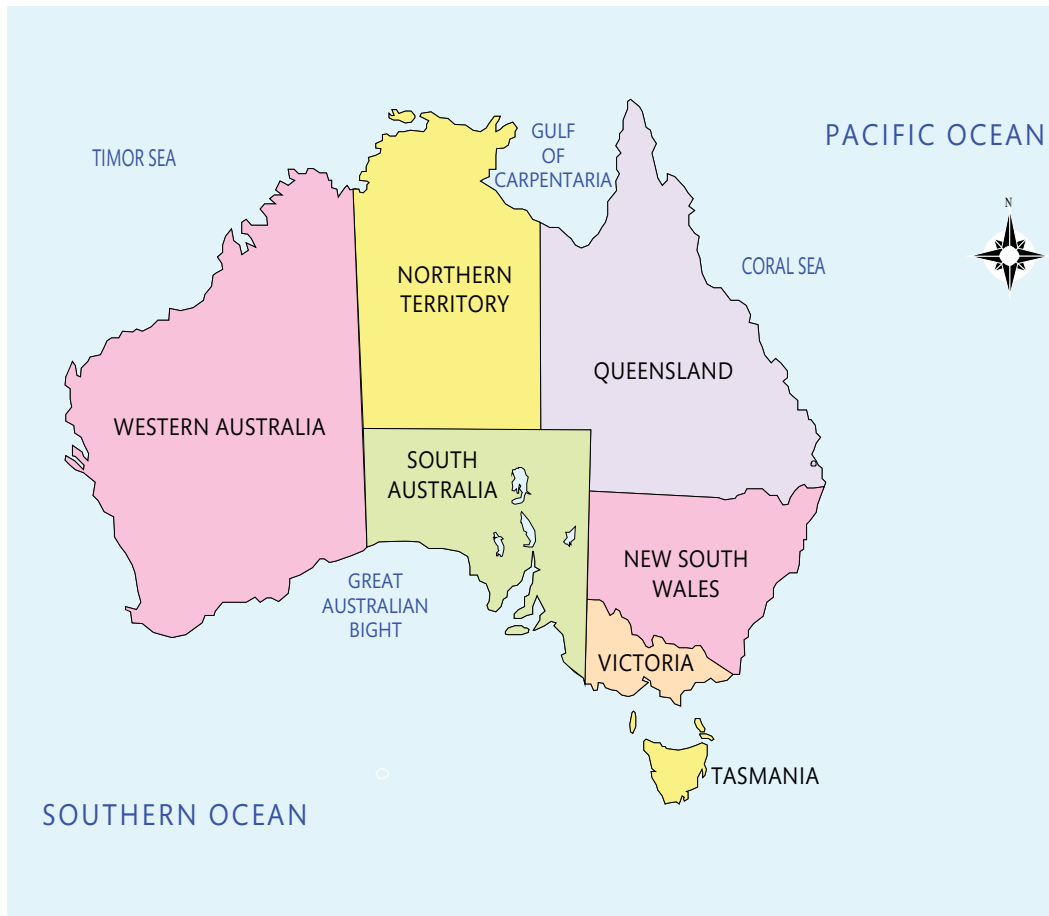
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Australia/Oceania



Fun Facts about Australia and Oceania:

- The continent of Oceania is often call Australia, but includes more countries than just Australia. Oceania is the smallest continent by size.
- Oceania is located to the southeast of Asia. It is made up of Australia and a number of island countries.
- Oceania and its islands are surrounded by the Indian Ocean and the Pacific Ocean.
- Much of Oceania's land mass is desert, but there are also very lush areas.
- Oceania has some very unique animal life for such a small continent. Some examples are the koala bear (which is not really a bear, but a marsupial), the platypus, and the kangaroo.
- The name Australia means "Land of the South".



Geography Challenge:

1. What is the capital city of Australia?.....
2. What ocean borders Australia to the west?
3. What is the name of the enormous coral reef off the coast of Queensland?.....





Australia/Oceania



PASSPORT

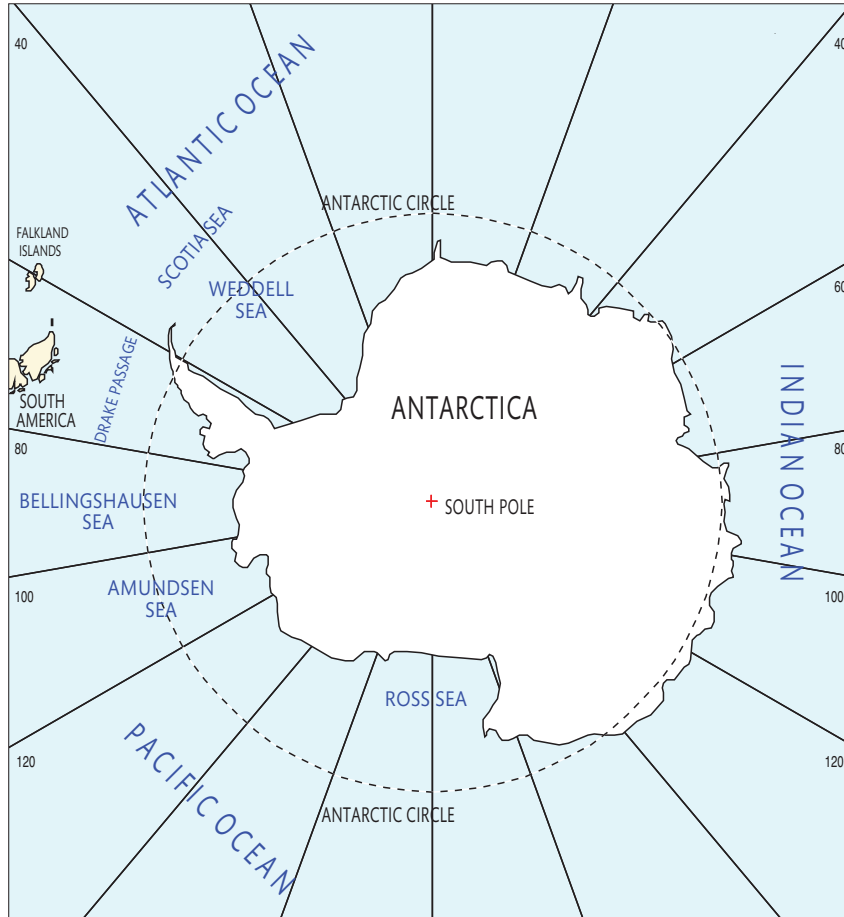
	Date achieved	Date achieved	Date achieved	Flag achieved
1. I can mentally add and subtract negative numbers up to two digits.				
2. I can read, write and convert between standard units of metric measurement (length, mass, area, volume) using decimal notation to up to 3 decimal places.				
3. I can read, write and recognise the place value of each digit in any number up to 10,000,000 including decimals, to 3 decimal places, and multiply and divide numbers by 10, 100 and 1000 .				
4. I can round any number to a required degree of accuracy.				
5. I can use % for comparison and calculate % of whole numbers and measures e.g. 15% of 360 .				
6. I can recall and use equivalences between fractions, decimals and percentages.				

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Antarctica



Fun Facts about Antarctica:

- Antarctica is located at the South Pole and is surrounded by the Southern Ocean.
- About 98% of Antarctica is covered by ice. It is the driest and coldest continent on earth.
- Antarctica is the fifth largest continent based on size, but it is the smallest in population with an official population of 0 (although some people do visit for scientific research).
- Some animals do manage to survive in the cold and dry climate of Antarctica. These animals include penguins, seals, and the snow petrel (a bird).
- Antarctica has no countries and no portions of the continent are owned by any country.
- There is as much ice on Antarctica as there is water in the Atlantic Ocean.
- The lowest recorded temperature in history was -89 degrees Celsius in Antarctica.
- Because it never rains in Antarctica, it is considered the world's biggest desert.

Geography Challenge:

1. Is Antarctica sea surrounded by land or land surrounded by sea?.....
2. Do you know where the word Antarctica comes from?.....
3. Who was the first explorer to reach the South Pole?.....



Antarctica



	Date achieved	Date achieved	Date achieved	Flag achieved
1a. I can multiply up to 4 digit numbers by 2 digit numbers using long multiplication using standard written methods.				
1b. I can divide up to 4 digit numbers by 2 digit numbers using long division using standard written methods.				
2. I can multiply pairs of proper fractions, proper fractions by whole numbers and divide proper fractions by whole numbers.				
3. I can use place value to compare and order numbers (inc. decimals, measures and any size of integer) using the language of greater and less than, and the following symbols: =, ≠, <, >, ≤, ≥				
4. I know the order of operations and can apply this correctly to carry out calculations involving the four operations.				
5. I can add and subtract mixed numbers and fractions with different denominators.				
6. I can compare, order and convert between fractions, percentages and decimals.				

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Globetrotters



Fun Facts about The World:

- Only 3% of Earth's water is fresh, the rest (97%) is salted. Of that 3%, over 2% is frozen in ice sheets and glaciers which means less than 1% fresh water is found in lakes, rivers and underground.
- Each winter there are about 1 septillion (1,000, 000, 000, 000, 000, 000, 000, 000 or a trillion trillion) snow crystals that drop from the sky.
- The word "Arctic" comes from the ancient Greek Arktikos, or "country of the great bear". Though the Greeks had no knowledge of the polar bear, they named the region after the constellation Ursus Major, the Great Bear, found in the Northern Sky.
- About 540 volcanoes on land are known. No one knows how many undersea volcanoes have erupted through history.
- A huge underground river runs underneath the Nile, with six times more water than the river above.
- The sun's rays reach the earth in 8 minutes and 3 seconds.



Geography Challenge:

Can you recite the continents, the oceans and the seas of the world?

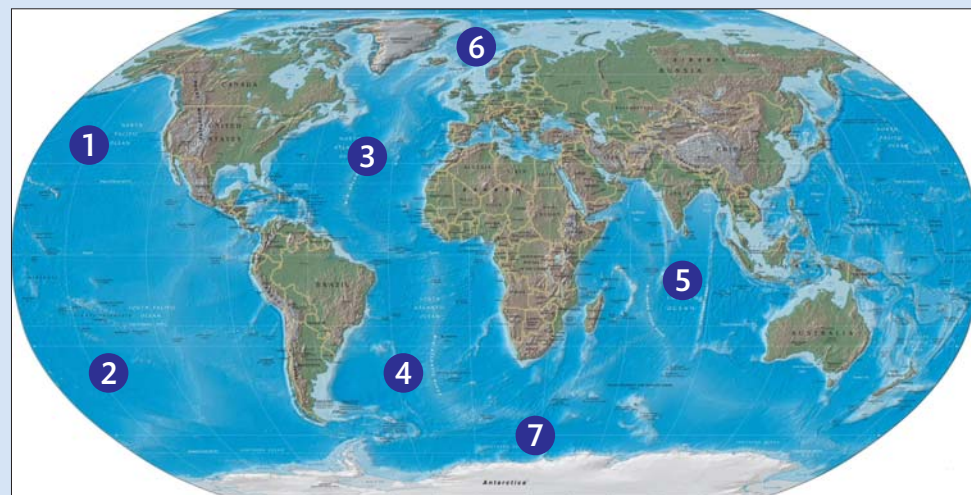


Oceans

- 1 North Pacific
- 2 South Pacific
- 3 North Atlantic
- 4 South Atlantic
- 5 Indian
- 6 Arctic
- 7 Antarctic



Seas





Sharon Saunders, Lady Boswell's C.E. (Aided) School.

