

Marine Academy Primary, Trevithick Road, St. Budeaux, Plymouth PL5 2AF
T: 01752 213939 W: <http://www.marineacademy.org.uk/primary/>
E: primary@marineacademy.org.uk

Monday 24th February 2025

Dear Parents/Carers of Marine Academy Primary **Year 6** pupils,

Each term, we send you a letter to let you know what your child will be learning about in each subject. This term, Year 6 will be learning about **Population** in their **Geography** lessons and will find answers to the following questions before using their knowledge to produce an end of unit piece:

1. Where are all the people?
2. Why does population change?
3. What is a population pyramid?
4. What challenges can a growing population present?
5. What challenges can an ageing population present?
6. How do we feed the planet?



The human population is not spread evenly across the globe. Few people live in locations that are sparsely populated and densely populated places have many people. As of January 2024, the total population of the world exceeds 8 billion people, and this number is continuing to grow each day. However, in some areas, growth is slowing or even declining. A knowledge organiser sharing all of the information that the children will learn about in their Geography lessons is attached.

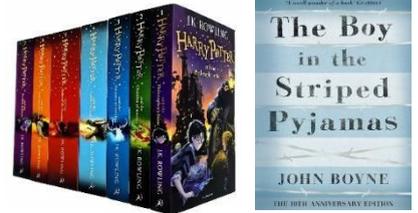


In **Science**, the children will learn about sustainability. They will build on the knowledge acquired in Year 5 as they will consider the materials that everyday items are made from, discuss the importance of recycling and explore what happens when fuels are burnt.



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In **English**, the children's writing will be based on the Harry Potter books by JK Rowling and in their Whole **Class Reading** sessions, they will be studying 'The Boy in the Striped Pyjamas' by John Boyne, as well as practising past papers in preparation for the SATS.



In **Maths**, children will learn to solve algebraic equations, how to find out the area and perimeter of shapes, and calculate the volume of cubes and cuboids.

In **RE**, the children will explore the question 'What matters most to Humanists and to Christians?' and in **SMSC** (Spiritual, Moral, Social and Cultural education) the children will learn about 'Rights and Responsibilities'.



In **Design Technology** lessons, the children will be applying their textiles skills to produce waistcoats.

In **Spanish**, they will learn to use dictionaries to find a wide range of words and select appropriate adjectives and verbs to describe a range of things and actions.

This term, PE will take place on Mondays - children should wear their PE kit to school please.

If you ever have any questions about this learning, please email year6@marineacademy.org.uk. We are really looking forward to another great term ahead!

Yours sincerely,

Alex Druce, Jessica Uren and Tracey Stannard

Year 6 Teachers



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Knowledge Organiser - Population - Year 6



Vocabulary	Definition
Birth rate	The number of births per 1000 people each year.
Death rate	The number of deaths per 1000 people each year.
Infant mortality rate	The number of babies that die before their first birthday, per 1000 live births each year.
Natural increase	When there are more births than deaths, so the population grows.
Natural decrease	When there are more deaths and births, so the population shrinks.
Life expectancy	The average age that a person is expected to live to.
Inequality	A lack of fairness or equality.
Population	The people who live in a particular place.
Migration	The movement of people (or animals) from one place to another.
Population density	The number of people living in one square kilometre.
Population distribution	How people are spread out.
Rural area	An area of countryside or a village.
Urban area	An area of town or city.
Sparsely populated	Very few people live in the area. For example: rural areas such as Dartmoor or Exmoor.
Densely populated	Many people live in the area. For example: cities such as London and Milan.



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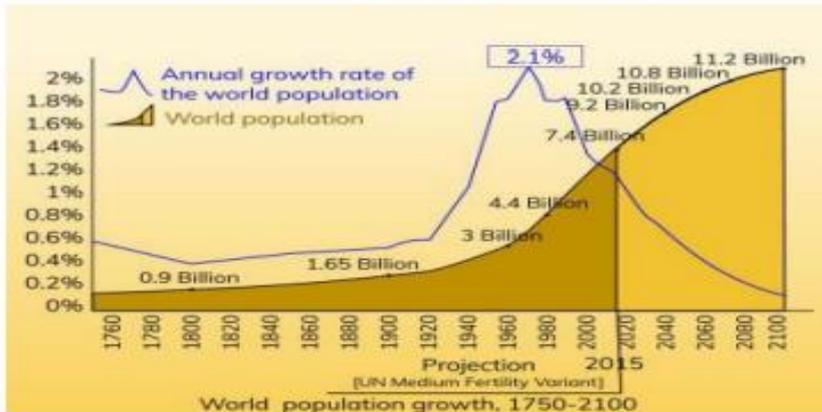


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Knowledge Organiser - Population - Year 6

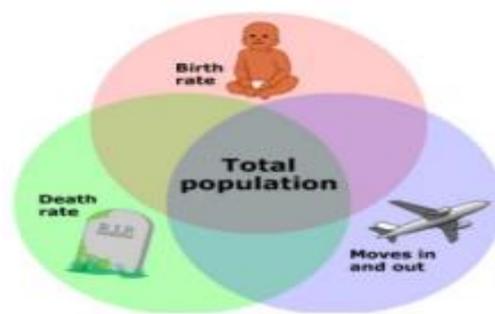
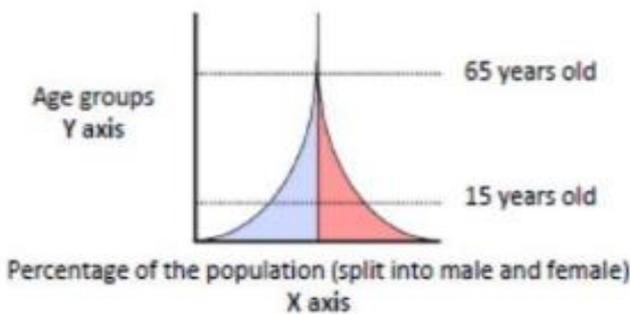


Around 360,000 babies are born every single day.

The world's population is expected to reach 8 billion by 2025.

Population Challenges

Rapidly growing population	<ol style="list-style-type: none"> 1. Hard for authorities to plan when populations grow quickly 2. Increased pressure on resources, land and services (such as health and education) 3. Increased pollution
Ageing population	<ol style="list-style-type: none"> 1. Increased pressure on health services 2. Fewer people in the population working and paying taxes 3. Increased poverty amongst older people.
Feeding the population	<ol style="list-style-type: none"> 1. 1 in 8 people still go hungry every day 2. Food is not evenly distributed. 3. A lot of food is wasted.



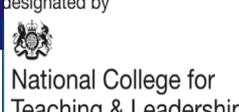








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