

Year 5

Why does population change?

By the end of this unit children will:

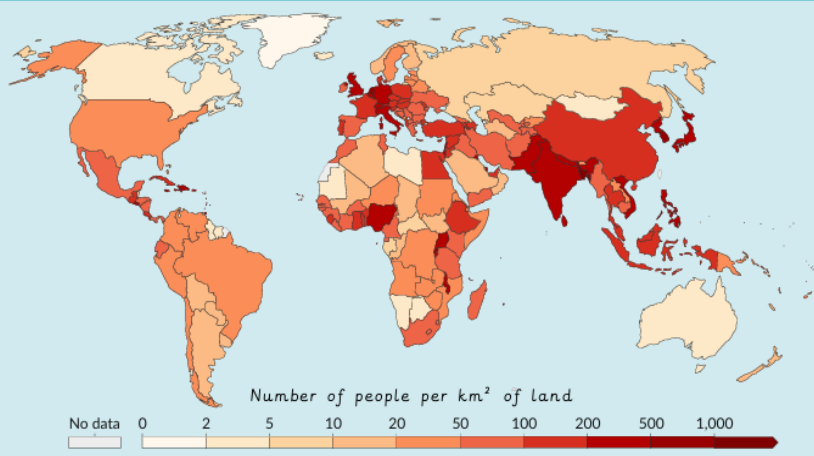
Population increases due to: an increase in birth rate, increase in immigration, a stable job and income, decrease in death rate, consistent access to food, clean, spacious housing.

Population decreases due to: a decrease in birth rate, an increase in death rate, increase in emigration, little access to hospitals and medicine, natural disasters, little or no access to clean water, war and conflict and spread of disease.

Push factors for migration: To escape conflict or war and natural disasters, high crime rates and poverty. To access healthcare, find employment, better standard of living (food, education, climate).

High populations can impact the environment through increased traffic, air pollution,

Map showing global population density



Sensational Start

Creative response
to The Arrival text.

Extraordinary Extra

STEM Centre
Stevenage

Fabulous Finish

Using field map-
ping skills in the lo-
cal area to investi-
gate the impact of
population.

Key dates:

Spellings; out on Mon-
day, due on Friday
Homework: out on Fri-
day, due on Thursday

PE Days

Fiennes—Monday and
Thursday
Byrd—Tuesday and
Thursday

Core Subjects:
Links to theme

Marvellous Maps — Theme Content— National Curriculum links

English

Key Texts

Lizzie and Belle Mysteries— Drama and Danger
The Lost Thing

Maths

Multiplication and division
Fractions

Science

Space— We will be learning about how we know the Earth and Moon are spherical and the evidence we have to support this. We will distinguish between heliocentric and geocentric ideas of planetary movement and explain that day and night is due to rotation of the Earth.

Foundation Subjects

Geography

Identification of global population distribution and growth; identifying which countries are densely and sparsely populated and why some environments are more appealing to live in than others.
Factors that influence birth and death rates and understanding that migration can be voluntary and can also be influenced by external factors (environment, economic and social).
Understanding the impact climate change can have on the global population and why climate change is happening.
Use a range of data collection methods in their locality to focus on traffic and litter; collate data collected and write a summary report.

Music

Looping and remixing
Children will use loops to create and perform a whole piece of music, ensuring that the different aspects of music work together over a back beat.

French

Space in Exploration
Children create an original written piece including descriptive phrases and using the correct articles to compare planets..

Computing

Data handling Mars Rover.
The children learn about the types of data that the Mars Rover could collect and how the data is transmitted and the challenges that are faced. They learn to read binary, up to eight bits and identify input, processing and output on the Mars Rovers.

Art and Design Unit

Children will create works for the national competition Art bytes. They will be working with mixed media.

P.E.

Gymnastics
Football

RE

Humanists and Christians.
The children will learn about, explore further and compare these faiths.

DT Day

Electrical Doodlers

RSE and British Values

Celebrating difference