

**Topic Global Connections:**

- What is this continent/ Ocean called?
- Can you locate this country? What is its capital?
- Which country is neighbours with...?
- Which country/ies are N,S,E W of...?
- How many people live on Earth?
- What is happening to this number?
- What does rate of growth mean? If the rate of growth falls, does the population decrease?
- In which counties do most people live?
- Can you name some places with a dense/ scares population?
- What do we mean by birth/ death rate?
- What do life expectancy and infant mortality mean?
- Can you give me 3 factors which may cause a population to increase/ decrease?
- What does migration mean?
- Can you give examples of different types of migration?
- Name 3 things which may 'push' someone to a new country/ pull them to stay
- Name 2 advantages/disadvantages of migration to the host/ source country
- Why did the population increase so rapidly between 1750-1850?
- Where did most migrants come from in the 1940s/50s? Why did they come?
- Why did most migrants come from in the early 2000s? Why did they come?
- Would has been the impact of migration on the UK?
- What is a slum?
- What are the living conditions like there?
- Why do we have slums?
- Where are they located?
- How can we help solve this problem?
- What is air pollution?
- How is this measured?
- Which cities/ countries are most affected by this?
- What are the effects of air pollution?
- How can we tackle air pollution?
- What does a population pyramid tell us?
- What labels does it include?
- How has the nature of the UK population changed?
- How do the populations of Japan, Congo and the UK differ?
- Is the population of the world getting younger or older?
- How does this differ in different parts of the world
- What challenges might this bring?
- What measures are countries using to address this?
- What is the Census?
- What information does it collect?
- How is this information used?
- Please share a fact that you found out from the 2021 Census data.
- How many TNCs are responsible for producing the world's food? Can you name any?
- Which parts of the world have food security/ insecurity?
- How much of the world's food is wasted?
- How does the percentage of overweight/obese people compare to the percentage of undernourished people?
- Can you name 3 advantages/ disadvantages of a global food industry?
- What are cash crops? Why might a country choose to grow these?
- What problems could this create?
- How much more food is likely to be needed by 2050?
- Can you explain some ways in which we can increase food production?
- What are some of the side effects of intensive farming? How can we help maintain good soil quality?
- Can you explain some ways in which food production may harm the environment?
- Why does meat (beef) production have a greater impact on the environment than growing grain/vegetables?
- How could a growing population lead to an increase in carbon emissions?
- What impact could increased amounts of (plastic) waste have on the planet?
- What are the likely effects of global warming?
- What actions can I take to try to reduce this?
- Can you name any of the UN sustainability Goals?
- Which do you think are the 3 most important?
- Can we name some inventions which have helped to change the world?
- How will your invention help the planet?

**DT Structures**

- What have you made?
- What type of structure is it? How do you know?
- What makes you structure strong?
- Could you make your product stronger/more stable/reinforced? How?

**Computing: Communication and Collaboration**

- What does 'protocol' and 'IP' stand for?
- What are **packets**?
- How can you create a shared bank of information?
- How do you add information and images using **Explore**?

**Art:**

- Which eco-friendly/sustainable buildings do you like the aesthetics of?
- Which materials do you think work best?
- How do these buildings help the community?
- What materials did you use? Why?
- How did your building meet the brief?
- What is the aesthetic of your building?
- Which other buildings have you taken inspiration from?
- What was successful about your eco-friendly structure?
- What did you need to change from your plan?

**Music:**

- Can you improvise a lead melody using the **pentatonic scale in G**? (G, A, B, D, E, G)
- What **chords** can you play? Can you show the positions of them? (G, A, D, C, F)
- Can you name 3 or more **stringed instruments**? (e.g. Pipa, Guitar, Lyre, Berimbau, Qin, Zither, Piano.)
- Can you name a popular **genre/style** that use stringed instruments? (e.g. Folk, Jazz, Blues, Rock.)
- Can you name up to 4 famous composers/guitarists from around the world? (e.g. Andrés Segovia, John Williams, Sharon Isbin, Ana Vidovic)

**RE: Art and Charity (Islam, Christianity and non- religious) continuation...**

- How do Christians use art in worship and in remembering Jesus?
- What does it mean to make a building 'for the glory of God'?

- What ways can you work online together?
- How does the internet enable effective collaboration?

- How and why do Muslim charities try to change the world?
- How and why Christian Aid try to make the world a better place?
- What matters more to Christians & Muslims: art and architecture or generosity and charity?