

# Geography Transition material

## Assignment One

### Deadline 26<sup>th</sup> June

Demographic dividend

1. Using the resources below research what the demographic dividend is
2. Is there an optimum population size? How can this be achieved?

[Back to Basics - What Is the Demographic Dividend? - Finance & Development - September 2006 \(imf.org\)](#)

[What is the demographic dividend? - YouTube](#)

Geo- engineering for Global Climate Change

1. Examine the resources below

[Explainer: Six ideas to limit global warming with solar geoengineering | Carbon Brief](#)

[Could solar geoengineering counter global warming? | The Economist - YouTube](#)

2. Answer the following questions
  - Are humans responsible for Climate change?
  - To what extent can humans reverse the effect of global climate change?
  - Who should pay for these new geo-engineering strategies?

The water- Food- Energy Nexus

1. Examine the resources below

[Water, Food and Energy | UN-Water \(unwater.org\)](#)

[WATER, ENERGY, FOOD - Nexus Thinking Explained - YouTube](#)

2. Answer the following questions
  - To what extent are HICs mostly responsible for the negative effects experienced by those in LICs
  - How can we reverse the effects of water- food- energy insecurities?