

Lesson plan 1: The roles of natural increase and net migration in population growth

Syllabus topic: Populations in transition

Lesson length: 1 hour

Learning objectives for the lesson

Students should be able to:

- consolidate knowledge and understanding of basic demographic definitions
- understand the relative contributions of natural increase and net migration in population growth
- understand basic demographic calculations
- understand natural increase and net migration in relation to the UK
- understand the causes and consequences of a high rate of net migration.

Content

Time	Content
10 minutes	Students work in pairs to prepare a list of demographic definitions relating to natural change and net migration, using question 1 from Worksheet 2 (and referring to pages 3–9 of <i>Geography for the IB Diploma: Patterns and Change</i> , if needed). Brief feedback to whole group.
15 minutes	Refer to Figure 2.1 on Worksheet 2. Students work in pairs on calculations (working through question 2). Check on accuracy of results through a brief feedback session. Show how the number of births and deaths in the UK in a year can be calculated given the birth rate, the death rate and the total population.
15 minutes	Refer to Figure 2.2 on Worksheet 2. Hold a brief discussion on UK population and population projections. Students ascertain the relative roles of natural increase and net migration in the population projection, recording their answers to question 3 on Worksheet 2.
20 minutes	Individual written exercise (question 4, Worksheet 2): ‘Why is net migration positive in some countries but negative in others?’ Select students to feed back to the whole group.

Consolidation

Time	Content
30 minutes	Follow-up. Brief students to write an individual mini-essay (question 5, Worksheet 2): ‘Discuss the causes and consequences of a high rate of positive net migration in the UK.’