

Lesson title: The global health challenge

Lesson aim:

To provide an introduction to the links between geography and one infectious disease

Lesson objectives:

- To know the key terms in the study of the geography of health
- To be able to describe and explain the global distribution of an infectious disease (malaria).

Learning activities/tasks:

Time

Starter:

Before showing any lesson objectives play the trailer for the film *Contagion* (2010) and ask students what they think the lesson is going to be about.

5mins

Watch the video clip of Prof Lipkin from the 21st Century Challenges website

<http://www.21stcenturychallenges.org/focus/professor-w-ian-lipkin/> (1min 15 sec – 2 min 42 sec) and spend a few minutes discussing how geography and global health might be linked.

5mins

Key terms activity. **Lesson 1 resource sheet**

Give the students 5 minutes to complete the key terms table working individually. Then give the students 5 minutes to confer with the person next to them. Then allow the students a further 5 minutes to confer with another pair (i.e. ending up with a group of 4 students working together)

10mins

Provide the students with the answer sheet and discuss any misconceptions.

Main activity:

Activity 1: What is malaria? Using the 21st Century Challenges 60 seconds overview website <http://www.21stcenturychallenges.org/60-seconds/malaria/> give students 5 minutes to synthesise the information. This could be done through highlighting key information in different colours, creating a mind map or by making notes. Allow the students to decide what method works best for them. Or if you have time get them to do all three and then reflect on which method worked best for them.

5mins

Show the students the key facts slide **Lesson 1 resource sheet** and ask students to identify the geography within these facts (make the link to synoptic writing for extension). For example 22% of childhood deaths in Africa are caused by malaria. Link to population issues such as high infant mortality rate, future impact on society in terms of a reduction in working age population, future population decline, social costs on society, poor education, health care costs (burden on society, access to medicine).

10mins

Activity 2: Where is malaria found? Using the maps provided in **Lesson 1 resource sheet** describe the global distribution of malaria for each map using a maximum of 4 bullet points to describe each map.

15mins

Plenary:

Answer the practice exam questions

Source: AQA June 2009

Provide the students with the questions and the mark scheme. Working in pairs the students should plan a model answer to each question.

15mins

Resources:

Lesson 1 resource sheet

21st Century Challenges website <http://www.21stcenturychallenges.org/focus/professor-w-ian-lipkin/>

Print out of the 60 seconds website <http://www.21stcenturychallenges.org/60-seconds/malaria/>