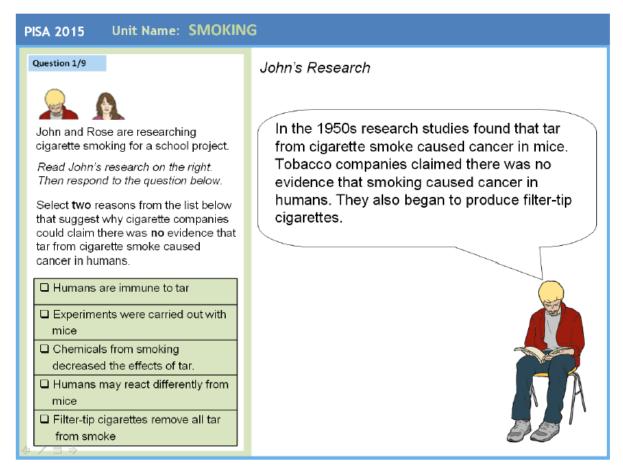
Science Example 2: Smoking

- 60. This new 2015 exemplar unit explores various forms of evidence linked to the harmful effects of smoking and the methods used to help people to stop smoking. New Scientific Literacy items for 2015 will only be developed for computer-based delivery and therefore this exemplar is only shown in an onscreen format.
- 61. All onscreen standard question types in the PISA 2015 computer platform have a vertical split screen with the stimuli presented on the right hand side and the questions and answer mechanisms on the left hand side.

Question 1: SMOKING

62. This question requires students to interpret given evidence using their knowledge of scientific concepts. They need to read the information in the stimulus about early research into the potential harmful effects of smoking, and then select two options from the menu to answer the question.

Figure 15. SMOKING: Question 1



63. In this question, students have to apply content knowledge using the competency of explaining phenomena scientifically. The context is categorised as health and disease in a local/national setting. The cognitive demand requires the use and application of conceptual knowledge and is therefore categorised as a medium level of demand.