

Earth

3. Climate

CONCEPT 1

TEST YOURSELF

EARTH'S ATMOSPHERE

KNOW

- Q1 What is the most abundant gas in the atmosphere?
- Q2 What percentages of the following can be found in the atmosphere?
- (a) Nitrogen
 - (b) Oxygen
 - (c) Carbon Dioxide
- Q3 What might have been the reason for the composition of the Earth's atmosphere being different prior to 200 million years ago?

APPLY

- Q4 What are the three fossil fuels?
- Q5 How are fossil fuels formed?
- Q6 How long does it take to form a fossil fuel?
- Q7 How is peat formed?
- Q8 How long does peat take to form?
- Q9 What is the scientific word for burning?
- Q10 Why do we burn fossil fuels?
- Q11 What is the main gas released?
- Q12 What effect is burning lots of fossil fuels having on our atmosphere?

EXTEND

- Q13 What effect does methane contribute to?
- Q14 What natural events may release gases like methane?
- Q15 What human activities release methane?