**Teacher’s TV Climate Change Movie**

**Duration 13.5 minutes**

1. What is the driving force of the earth’s climate?
2. The gases in our atmosphere act as an insulating blanket. About how much colder would the global temperature be without it?
3. NAME one factor that influences climate change naturally
4. There is significant evidence that humans are now contributing to climate change at a rate never before experienced by the earth. One factor is a population explosion. What is the current human population on earth?
5. What was the human population 300 years ago?
6. Another human-caused factor is the increased technology. What is the name of the sudden development of machinery in Britain around 200 years ago?
7. As a result of our technological lives, what have we become dependent upon?
8. What does the burning of fossil fuels release into earth’s atmosphere?
9. How much carbon dioxide is the human race producing a year?
10. During photosynthesis, plants absorb carbon dioxide to produce their own food. However, forests are being cut down. What are forests being cut down for?
11. What forest are scientists (and others) most concerned about the loss of?
12. Scientists can’t predict perfectly how humans will behave, so it’s not known exactly how much the earth’s climate will increase by the end of the century; however, what is the predicted range of increase?
13. Once climate change causes one thing to happen, a chain effect is set off, causing other things to happen. What effect will the melting of the polar ice caps set off?
14. What are two reasons some people don’t want to recognize climate change?

15. The United Nations (UN) created an international organisation of scientists and governments called Intergovernmental Panel on Climate Change (IPCC), which in 2007 reviewed thousands of peer-reviewed scientific research on climate change. What did the panel conclude?

**CLIMATE CHANGE…**

 **What are we prepared to do about it?**