



# Let's talk about CLIMATE CHANGE

## Conversation cards

What is climate change? Is it the same as global warming? Think about it and explain in your words to the class.

Do you believe in climate change? If so, why do you think it is happening? Discuss in group.

Some people claim climate change is just part of a natural cycle and that it is not man-made. What do you think?

What dangers are threatening our lives and our planet? Discuss in group & make a list.

Should we be worried about climate change? Explain. Are you worried?

Do you think climate change can be stopped? What should be done?

Scientists predict that the ice caps will melt. What affect could this have on life on Earth?

'Cutting carbon emissions' is an often used phrase. What does it mean and how can it be achieved?

Do you use environmentally-friendly products? Have you 'gone green'? Give examples.

What's a carbon footprint? How big is yours? How can it be reduced?

Have you changed your lifestyle to save our planet and prevent climate change? What have you done?

Do you or your family drive an "eco car"? Why or why not? Give examples of such cars.

Are governments doing enough to combat climate change? Name some measures that have been so far.

The world is addicted to oil. Are there any alternatives to oil? Make a list of energy sources and their effect on nature.

What do you know about the Kyoto Protocol? What happened in 2009 in Copenhagen?

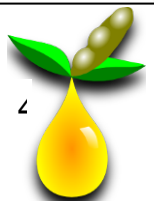
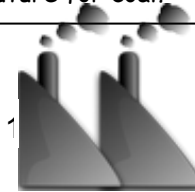
Could climate change destroy life on Earth? Discuss a best-case and a worst-case scenario.

Coal is still a widely used source of energy worldwide. Is it more or less polluting than oil? Is there a future for coal?

Should poor developing countries be asked to make similar efforts as wealthy, industrialized countries? Give your view.

### Match pictures and text

|                                 |  |
|---------------------------------|--|
| biofuel                         |  |
| coal mine                       |  |
| control panel for heater or A/C |  |
| dam - hydroelectric power plant |  |
| heavy industry                  |  |
| incandescent light bulb         |  |
| nuclear power plant             |  |
| petrol station or gas station   |  |
| recycling could save the world  |  |
| solar panel                     |  |
| wind turbine                    |  |



## Speaking Topics

(answers may vary) The phrase 'climate change' is now preferred to 'global warming' because it helps convey that there are changes in addition to rising temperatures.

(answers may vary)

(answers may vary)

climate change, pollution, overpopulation, deforestation, lack of clean water, meteor impact, terrorism etc.

(answers may vary)

(answers may vary) cut carbon emissions, change our lifestyle, go green, consume less energy, tax polluters etc.

Possible rise of sea levels could flood low-lying areas where millions live (e.g. Bangladesh, Pacific islands, Amsterdam etc.)

Reduce the emission of CO<sub>2</sub>. Save energy, make industries cleaner and greener, drive smaller cars, etc.

'eco' car, detergents, paper, bags, recycling, use public transport etc.

Amount of greenhouse gases (GHG) that are emitted into the atmosphere each year by an entity such as a person, household, organization, etc. (can be direct or indirect).

(answers may vary)

(answers may vary) Toyota Prius is one of the first and most popular eco-cars; unfortunately more expensive than normal cars

(answers may vary)

solar, wind, hydro-electric, nuclear energy, bio-fuels, etc.

What do you know about the Kyoto Protocol?  
What happened in 2009 in Copenhagen?

(answers may vary)

Very polluting energy source. Cheap and widely available. Carbon capture and storage (CCS) technology under development.

(answers may vary)

|                                 |    |
|---------------------------------|----|
| biofuel                         | 4  |
| coal mine                       | 6  |
| control panel for heater or A/C | 5  |
| dam - hydroelectric power plant | 7  |
| heavy industry                  | 1  |
| incandescent light bulb         | 3  |
| nuclear power plant             | 11 |
| petrol station or gas station   | 9  |
| recycling could save the world  | 2  |
| solar panel                     | 10 |
| wind turbine                    | 8  |

### Useful links & resources