



THE WORLD'S LARGEST LESSON INDIA

LESSON PLAN:
AN INTRODUCTION TO CLIMATE CHANGE



LEARNING OBJECTIVES

- Learners can describe climate change and understand the main terminology used.
- Learners can understand how climate change is negatively affecting India.
- Learners can explain how they can contribute to achieving the Climate Action Goal.

Preparation:

Write up the climate change terminology words (to be discussed in the introductory activity) on a board or flip chart.

Have copies of the definitions ready for the students to have after the discussion.

Note: Think through if any students have been directly affected by a natural disaster and proceed sensitively with those elements of the lesson.

INTRODUCTION

7 MINUTES

Start the lesson by asking the students if they can define some of the most common words and terminology used when discussing climate change. Give the students a couple of minutes to discuss in pairs or groups and then ask for some suggested explanations to the words that are written on the board. Once each word has been discussed, give out a sheet with the terminology and their definitions.

Term	Definition
Climate change	Significant change in weather over time
Global warming	Overall increase in the earth's atmospheric temperature
Greenhouse effect	Warming of the earth caused by heat from earth being trapped in the atmosphere by greenhouse gases

Carbon dioxide	A greenhouse gas that is produced when fuels are burned
Carbon footprint	Amount of carbon dioxide someone creates through their activities, often measured over a year
Recycle	Convert waste into something reusable

COMIC ACTIVITY

10 MINUTES

Ask the class to read Chakra the Invincible and Mighty Girl Comic: [download the comic here](#).

Or watch the motion comic: [view online](#)

DISCUSSION ACTIVITY

10 MINUTES

In small groups ask students to summarise the issues raised in the comic and to come up with a list of the different causes of climate change. Give the groups around 3 minutes to develop their ideas and then share back with the class. When the ideas are shared back, make sure it is clear that there is a range of causes and many of them can be addressed by small individual actions and changes, such as recycling and using less energy.

Then, have a class discussion about the different ways climate change has negatively affected India, which will likely include discussions about natural disasters that have affected the local region.

FOCUS ON GOAL 13: CLIMATE ACTION

15 MINUTES

Goal 13: Climate Action

The Goal is to 'Take urgent action to combat climate change and its impacts'

To achieve Goal 13 the Member States of the United Nations have agreed to:

- Ensure people are well prepared for hazards related to climate and natural disasters.
- Address climate change issues in their government's agendas and allocate resources to combat climate change.

[Further information on Goal 13](#)

PLENARY ACTIVITY

5 MINUTES

1. Reduce your carbon footprint tomorrow

Ask the students to write down a schedule of their normal day, from when they wake up at night to when they go to bed. Then, ask them to look at every aspect of their day and what small changes they can make to reduce their own carbon footprint.

E.g. 6am – Wake up and have a shower. Action: Do not waste water in the shower.

7.30am – Get the bus to school. Action: Walk or ride a bike.

Encourage them to start making small changes tomorrow and do their bit to tackle climate change.

Or...

2. Recycling challenge

Ask all the students to think of some waste they have at home that could be used to make a model of Chakra the Invincible or Mighty Girl. Set a separate time for the students to bring the waste materials into school and have a competition for who can make the best recycled super hero!

Take Action for the Global Goals



As an educator you have the power to channel students' positive energies and help them believe that they are not powerless, that change is possible, and that they can drive it.

Right now, students can take action for the Global Goals at the end of any of our lessons by writing to their leaders and asking them what they are doing to achieve a specific Goal.

For deeper learning and impact they can also take part in projects to make change for the Goals in their local communities.

Visit the "Take Action" page on our website

<http://worldslargestlessonindia.globalgoals.org/take-action-title/> and find out more. Your school can take part in Design for Change India's "I Can" Schools Challenge 2016 and 2017. There is a special GEMS Education Global Goals Prize.



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