

PRACTICAL ACTION
Technology challenging poverty



**WORLD'S
LARGEST
LESSON**

Energy and the Global Goals for Sustainable Development

Subject

Geography, Science

Learning Outcome

- To understand that energy is vital for a fair quality of life for all people, everywhere.
- To know the Global Goals are a set of goals that were set by countries of the United Nations to try and alleviate world poverty.
- To understand the link between energy and poverty reduction.
- To feel empowered to play a part in reducing world poverty.

Preparation

- Gather lots of small pieces of paper or sticky notes for each group of 4–5 students.
- Print or display images from appendix 1.
- Print onto large sized paper (if possible) a copy of the worksheet in appendix 2.
- Print a copy of Appendix 3.

This lesson plan has been provided by Practical Action www.practicalaction.org/schools

Total Time:

60
mins

Age Range:

8-11
year olds



World's Largest Lesson is a collaborative education project to support the announcement of the United Nations Global Goals for Sustainable Development. The project is living proof of the importance of Global Goal 17 "Partnerships for the Goals" and would not have been possible without the help of all of our partners working with us and with each other.

Thanks to our Founding Team:



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Lesson plans created in collaboration with Think Global www.think-global.org.uk. Promoting learning for a just and sustainable world.



Learning Activity

5
mins

Introduce the activity. Make students aware they will be looking at how energy is important for everyone in today's world and what is being done to help some of the poorest people in the world get energy. See if any students already have any prior knowledge of the Global Goals.

Learning Activity

20
mins

Ask pupils to write down anything they use/need energy for on separate pieces of paper or post-it notes. Then working in groups of 4-5, students should compare their ideas and start to put energy needs into categories that they choose themselves, e.g. heating, cooking, leisure.

Show the video (2:55)

<https://www.youtube.com/watch?v=2JHs2y9x-pw&list=PLHvu7XCqeu48Q8KqNSTVGsvf0O-JB0y9>

Ask students to add any additional things energy is used for on bits of paper and add to their categories. They may need to make new categories.

Show the images in appendix 1 and discuss as a class. Again, students should add any new uses of energy that they find out about.

Gather feedback and summarise main categories.

Learning activity

30
mins

Watch the World's Largest Lesson animation film

www.globalgoals.org/worldslargestlesson

Hand out one worksheet, "Why is energy important to the Global Goals?" (appendix 2) and one "Global Goals and their symbols" (appendix 3) to each group along with scissors and glue.

Ask students to choose 8 of the 17 goals (encourage groups to choose different ones so that all are covered) match the symbols and a brief description of the goal and write a list of at least 2 things energy is needed for that will make that Global Goal become a reality. Use the energy needs already identified earlier as a prompt.

Share feedback from the groups.

Differentiation and Alternatives

If students need more information about the goals refer to www.globalgoals.org/worldslargestlesson for the children's booklet "The World We Want - A Young Person's Guide to the Global Goals for Sustainable Development"

Learning Activity

10
mins

Use appendix 4 as a reminder of the scale of the problem.

Ask students how many ways they can think of to complete the sentence
- *Energy helps to reduce poverty because...*



Mother in Peru cooking food on an outdoor stove



Nepalese family using a stove for warmth as well as to cook food



Woman in Kenya running a hairdressing business



Business men and women at a meeting with farmers in Bangladesh



Farmer in Zimbabwe listening to podcast on an MP3 player



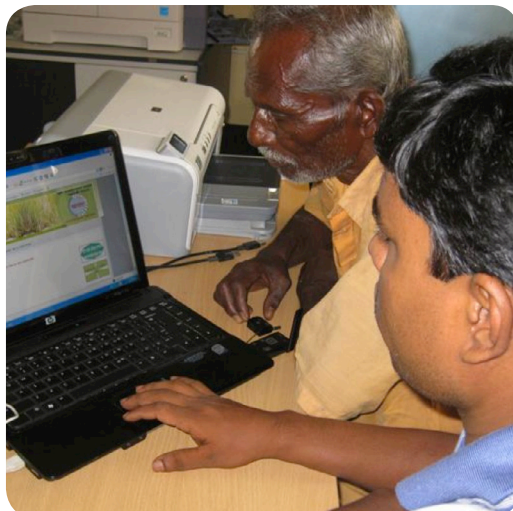
Solar powered satellite dish in Peru



Curd machine used to make yoghurt in Bangladesh



Children in Nepal using a Solar lantern to read at night



Farmer in Bangladesh finding information on the internet



New mothers in a health centre in Kenya receiving advice and medication



Baby being vaccinated against malaria



Kenyan children washing in water from a solar powered water pump

THE GLOBAL GOALS

For Sustainable Development



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A reminder of the problem

Energy is vital for poor people to escape poverty and important if we want to achieve the Global Goals. The problem is right now **a third** of the world's population has no access to modern energy services.

