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.

Total Time: 60 mins
Age Range: 8-11 year olds

This lesson plan has been provided by Practical Action  www.practicalaction.org/schools
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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And special thanks to those who have worked with us across the world:

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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

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

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=PLHvu7XCqeua48Q8KqNSTVGsvf00-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

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"
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…*
Farmer in Zimbabwe listening to podcast on an MP3 player

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
Why is Energy So Important To The Global Goals?
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Appendix 3

For Sustainable Development
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.

A reminder of the problem

1/3
33.3333%
33%