

Climate change

Is it in our hands to combat it?

Worksheet

Name:



Activity 1

Look at the picture. Then try to answer the questions:

- *What does the picture show?*

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- *How does the earth (the globe) appear in this picture?*

.....

- *What is the meaning/ message of this picture?*

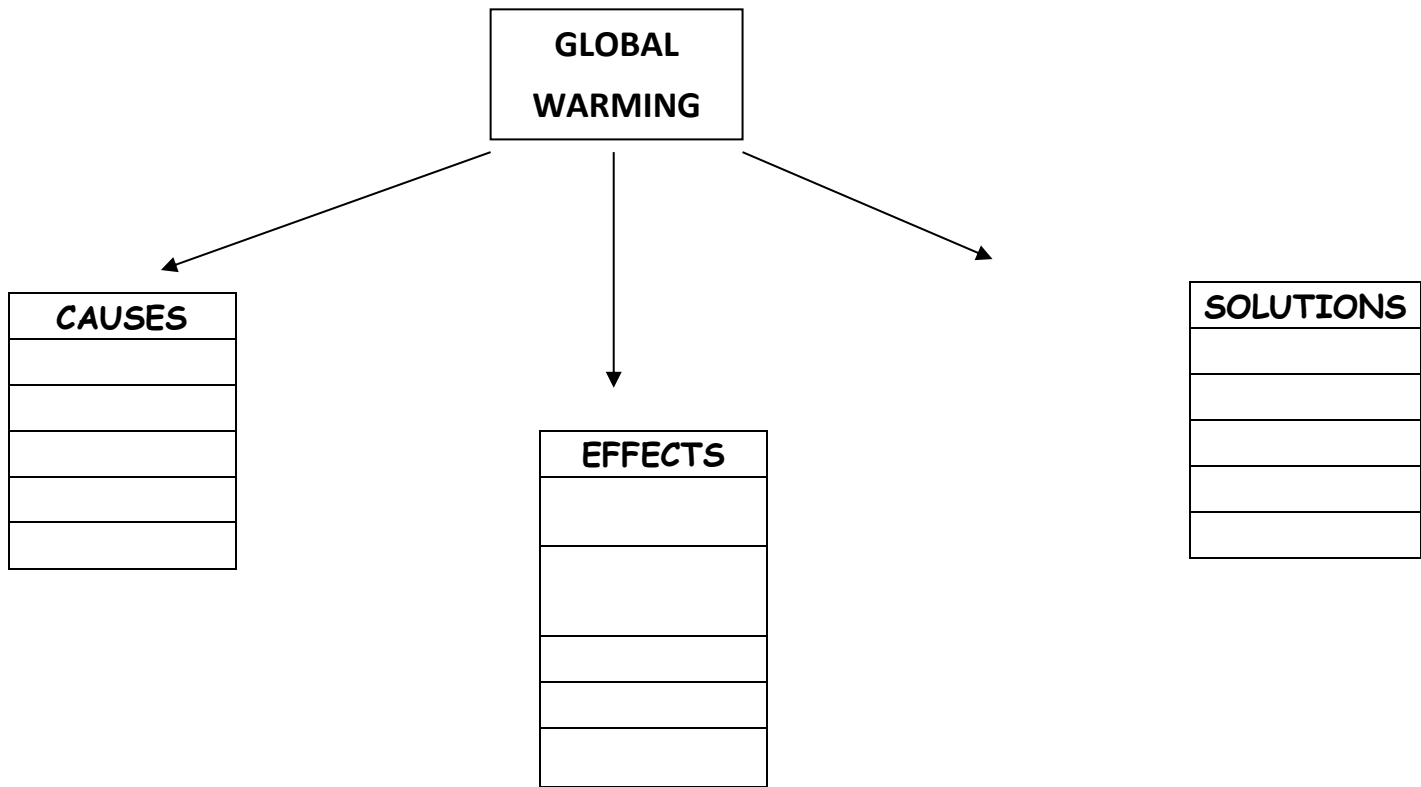
- *How does it make you feel?*

Activity 2

Watch the following video on global warming:

<https://www.youtube.com/watch?v=XwIOFByeHs8>

Fill in the following **tree diagram** with the necessary information after watching the video. FILL IN AS MANY TREE BRANCHES AS YOU CAN. YOU CAN also ADD extra branches .



Activity 3 (Groupwork)

What are the possible scenarios in your country if climate change continues? What would happen if temperatures kept increasing in an area in *Greece* (i.e. Crete, Mani, Aegean Islands, Pindos etc.)? Write about 3 things. Work in groups

If the temperature increased in Greece by 8 degrees Celcius by the year 2030 and even more in the next 50 years...

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TIME FOR THINKING!

Activity 4

Work in pairs and do the Carbon Footprint Calculator quiz. Your footprint is a way of showing your carbon emissions, compared to other people and other countries. It's your impression on the planet.

<http://footprint.wwf.org.uk/questionnaires/show/1/4/23>

Write down your score:

Score:

Activity 5

“What conclusions can you draw from your scores?” If you see that you’re more than 100%, you know that you can do more to help combat global warming. What can we do to reduce our footprint on Earth?

A. Discuss in pairs and write down 2 habits of your everyday reality that could make the problem of global warming worse. Explain why

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B. Now, discuss in pairs and write down 2 new adopted habits, that could help fight global warming and climate change, giving reasons for your choices:

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.....

TIME FOR ACTION!!!

Follow up activities

Watch the following video on YouTube www.youtube.com/watch?v=IxxRVYSw3Kw

- a. Write a letter to the United Nations asking them to take action against global warming and do something about climate change and the future of the planet.**
- b. Imagine that you represent your country at the next United Nations Climate Change Conference being held in Germany, November 2017. Write a speech discussing the problem of climate and suggesting feasible solutions. Highlight the dangers and stress the importance of immediate global action.**

A. Work in groups and choose one of the following:

- 1. For researchers/scientists: Research at least one type of alternative energy resource and make a presentation to persuade the school board / ministry of education how it can be effectively used to generate power for schools.**
- 2. For advertisers: Start an energy saving campaign in school / could be advertised in other neighboring schools / town hall / local stores encouraging energy conservation (in the form of flyers / posters etc)**
- 3. For film lovers: Make a video presenting the ideas discussed in the previous lessons. Emphasize the reasons why we should insist on using renewable/alternative resources. Be original.**
- 4. For jokers: Make a presentation on ways in which we can DESTROY the environment! Think about all we have discussed and reverse it.**
- 5. For MUN lovers: You are delegates for the United Nation Framework: Convention of Climate Change (UNFCCC) and have to come up with a resolution on: **The Question of Changing Global Energy Reliance to Renewable Sources** to be presented and debated.**