

Our world is warming. But is it a problem?
Find out the current scientific consensus on the likely outcomes of current trends in global warming. Why is it happening and furthermore, what can we do to combat these future changes in the Earth's climate.

During this workshop, your pupils will investigate the consequences of an average temperature rise of 4 degrees C forecast by the Met office in the next decade. Be it sea level rise, drought, or increased incidences of forest fires, your pupils will discover how different locations around the world may be affected. Using a combination of discussion and animation, pupils find out why our planet is experiencing this current trend of warming, and exactly what is driving the issue. Pupils finish the workshop exploring the many weird and wonderful ideas proposed by scientists from around the world to combat these changes. But can they spot the genuine ideas from the fakes? Your pupils are given a great challenge and a fun finale in our new popular quiz game 'Science or Fiction'.

This workshop enables pupils to:

Develop curiosity and understanding of the environment and my place in the living, material and physical world.

Demonstrate a secure knowledge and understanding of the big ideas and concepts of the sciences. Develop skills in the accurate use of scientific inquiry and investigation using practical techniques.

Develop as a scientifically-literate citizen with a lifelong interest in the sciences.

Establish a foundation for more advanced learning and future careers in the sciences and the technologies.

Communicate, collaborate and build relationships.

Curriculum for Excellence Experiences and Outcomes:

Science - Planet earth (processes of the planet)

By investigating renewable energy sources and taking part in practical activities to harness them, I can discuss their benefits and potential problems. SCN 3-04b

I can explain some of the processes which contribute to climate change and discuss the possible impact of atmospheric change on the survival of living things. SCN 3-05b

Technology - Technological developments in society

I can investigate the use and development of renewable and sustainable energy to gain an awareness of their growing importance in Scotland or beyond.

TCH 2-02b

Literacy and English – Listening and talking

When I engage with others, I can make a relevant contribution, encourage others to contribute and acknowledge that they have the right to hold a different opinion. I can respond in ways appropriate to my role and use contributions to reflect on, clarify or adapt thinking.

LIT 3-02a.

