

Sustainable future

Name:

Date:

Class:



Starter:

Recap of sustainability. Ask children which of the sentences in blue on the presentation defines 'sustainable development'?

Main activity:

Presentation—Lesson 6 Sustainable future. Using slides, key questions, activities and video clips to elicit plenty of discussion, introduce a variety of positive actions towards a sustainable future.

Plenaries and assessment:

Use worksheet activities and review as a class on the board/screen (slides 10, 15, 24, 27 and 28) to consolidate learning.

AFL:

Use questions in presentation for formative assessment. Worksheet activities reinforce this and provide a tool to assess understanding and provide a record of AFL.

Success criteria:

Children will have a good basic understanding of sustainable development. They will be able to explain some of the issues related to climate change should be able to suggest positive changes and strategies they and their families could implement.

Differentiation:

Involve all children in discussion using differentiated questioning - colour coded in delivery guide **All Most Some**. Where possible use visual aids to aid understanding. Video clips can also help with this.

To arrange a site visit, please go to http://www.weset.org/?page_id=126
Or email education@weset.org

Program of study:

Energy, electricity, renewable energy and sustainability. This may be linked to a trip to Westmill wind and solar.

Key learning objectives, students should:

- Understand what sustainable development means
- Be able to link issues around climate change with sustainable development
- Be familiar with the 6 Rs
- Be able to identify positive steps and actions that can contribute to a more sustainable world

Cross curricular links:

Art and Design – photography, campaign posters

Design and Technology – manufacturing, materials, recycling and sustainability

English - vocabulary, discussion and debate/ campaigning

Geography – social sustainability, climate change

History – farming, enclosure, WW2 'make do and mend'

Maths – economic sustainability, extinction statistics

Science – biodiversity, extinction, ecosystems

SEAL/PHSE – healthcare, education, social issues

Key vocabulary:

Sustainability, sustainable development, climate change, positive action, reuse, reduce, recycle, rethink, repair, refuse, biodiversity, pollution, deforestation, desertification, endangered, ecosystems, extinction, campaign, vulnerable, pro-active

Resources:

Presentation

Linked video clips

Detailed delivery guide

Worksheet and answers

Further suggestions for resources that may aid learning and understanding can be found in the detailed delivery guide