



**Friends of
the Earth**

Lesson plan – Food & farming

Schemes of work links

Citizenship	Key stage 3	Unit 21:	People and the environment
Geography	Key stage 3	Unit 14:	Can the earth cope?
Science	Key stage 3	Unit 7C:	Environment and feeding relationships
		Unit 8a:	Food and digestion
		Unit 8D:	Ecological relationships
		Unit 9D:	Plants for food
Art & Design	Key stage 3	Unit 7C:	Recreating Landscapes
ICT			

Prior learning

Students should have some knowledge of what a farm is.

Points to note

Teachers will need a good understanding of the differences between intensive and sustainable farming, and their impact on the environment. See *Food and farming* booklet for information.

Learning objectives

- Understanding of the processes involved, and the similarities and differences between intensive and sustainable farming.
- The impact on the environment of intensive and sustainable farming.
- To use the internet and other sources for research.
- To develop communication skills through discussion.

Lesson structure

Introduction

Children should share what they already know about intensive farming and sustainable farming.

Activity (over two lessons, one for research/one for modelling)

Use the *Food and farming* booklet (pages 4 and 8) and internet research to compare and contrast intensive and sustainable farming.

Points to cover include:

- How crops are grown.
- How many different types of crops are grown?
- Are pesticides used?
- What wildlife visits the farm?
- How crops are transferred to where they are sold.

In small groups use the information to create a 3D model of either an intensive or a sustainable farm

Plenary

Children to provide feedback to whole group on what they have researched. Discuss which type of farming has the lowest impact on the environment.

Share ideas as to how we, as individuals, can make a difference. Use pages 10-13 of *Food and farming* booklet for ideas.

Extension Activity

Visit a nearby farm.

Resources

Food and farming booklet http://www.foe.co.uk/resource/factsheets/food_farming.pdf

Useful web addresses:

www.foe.co.uk/campaigns/real_food/index.html

www.hdra.org.uk

Key words/vocabulary

Sustainable farming

Intensive farming

Pesticides

GM (genetically modified)

Success criteria

Children will understand what is meant by intensive farming and sustainable farming, and what impacts farming has on the environment.