



Staff Name:
Zone: Beekeeping
Ability Range: NC Level 1-4
Target Group: EBD Students

Date:
Class:
Lesson Reference:
 Week 6 'Pollination'

Learning Objectives:

- Understand the basic principles of sexual reproduction in plants.
- Understand the need for bees. Raise awareness of the balance of nature.

Learning Outcomes:

- Produce a drawing of a plant.

Challenge: More detail to answers through written work and written exercises.

Differentiation:

1 to 1 work sheets, peer support, 1 to 1 task, key words used.

AFL: Refer to scheme of work

Development of Skills/Cross Curricular Links:

LITERACY/COMMUNICATION

Reinforcement of key words, development of discussions through describing tasks and group activities.

ENTERPRISE

Communication, team work, using initiative.

PSHE

Development of environmental awareness.

STARTER ACTIVITY

Discuss what we know about bees?

Discuss why we need bees?

MAIN PART OF LESSON

Discuss the fact that bees are needed for the pollination and reproduction of plants.

Bees carry pollen on their legs from plant to plant; this allows the pollination to take place.

Introduce the words Stigma (F) Stamen (M).

Inform students about the need for pollination between plants.

Watch the DVD about pollination. <http://vimeo.com/6965266>

Complete a diagram of the plant, labelling all of its parts.

<http://www.enchantedlearning.com/subjects/plants/printouts/labelflower.shtml> (plant diagram to label).

PLENARY

Discuss why bees are required for pollination.

Discuss how crop production is dependent on bees.

Discuss why, if there are no bees, then crops can't grow.

Extension Tasks Research bee diseases, for example the varroa mite.

Risk Assessment Teacher in charge to ensure all correct and appropriate risk assessments are carried out to ensure the health and safety of all of the students.

Disclaimer

The template used to produce this document, is purely for guidance only and can be adapted to suit individual requirements/standards/establishments.

VISUAL	Look at pictures/internet.
AUDITORY	Direct teaching. Explanation.
KINAESTHETIC	Draw diagram of the plant.
SKILLS	Development of skills and knowledge.
SEN	Ref. to statements. Behaviour/epilepsy plans.
REWARDS	Links to school reward system.