



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

**Date:**  
**Class:**  
**Lesson Reference:**  
 Week 5 'Beekeeping'

**Learning Objectives:**

- Examine different types of hives and nests.
- Understand the basic principles behind beekeeping

**Learning Outcomes:**

- To be able to identify different types of hives.
- Students will use some of the beekeeping equipment.

**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**

Explain to the students why beekeeping is important. Look at why the honey that the bees provide is a vital source of food for us. Examine why we need to protect our bees and care for them.

[http://www.teachertube.com/viewVideo.php?title=Bees\\_What\\_Would\\_We\\_Do\\_Without\\_Them\\_&video\\_id=46241](http://www.teachertube.com/viewVideo.php?title=Bees_What_Would_We_Do_Without_Them_&video_id=46241) (DVD showing the importance of Bees).

**MAIN PART OF LESSON**

Look at DVD of beekeeping (An Introduction of Bees with Paul Metcalf to purchase)

<http://www.paynesbeefarm.co.uk/store/An-Introduction-to-Beekeeping-DVD-Paul-Metcalf-p-16463.html>)

or <http://www.youtube.com/watch?v=IOLaXJWgq9E> Afterwards

Carry out a question and answer session to reinforce knowledge.

Introduce students to the beekeeping equipment, health and safety and risk assessments.

Students to carry out the practical activity of using the beekeeping equipment.

Complete the beekeeping log sheet.

**PLENARY**

Ask the students what they have learned from the discussions/activities.

**Extension Tasks** Research how bees survive in the winter.

**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.

<b>VISUAL</b>	DVD/Demo.
<b>AUDITORY</b>	Direct teaching. Explanation.
<b>KINAESTHETIC</b>	Practical activities using bee keeping equipment.
<b>SKILLS</b>	Development of skills and knowledge.
<b>SEN</b>	Ref. to statements. Behaviour/epilepsy plans.
<b>REWARDS</b>	Links to school reward system.

Student name.....

**My First Practical Beekeeping Session - log sheet**

Today was my first practical bee keeping experience. The chart below shows how I was feeling during the session. Please tick the box that describes how you were feeling.

Activity	2 Sad Faces	Sad Face	Smiley Face	2 Smiley Faces
Putting on the PPE.				
Walking over to the bee hive.				
Preparing the equipment (smoker).				
Standing outside the bee hive area.				
Choosing where I should observe.				
Tutor using the smoker.				
Tutor lifting the bee hive lid.				
Deciding to move closer.				
Deciding to move away.				
Tutor lifting the crown board.				
Tutor removing the frame of				

bees.				
Tutor replacing hive parts.				
Checking each other for bees.				
Removing PPE.				
I would like to do this again.				
I would like to take photographs.				
I would like to remove the lid.				
I would like to help remove the crown board.				
I would like to hold a frame of bees.				