

Unit Title:	Honey Bee Behaviour
Unit Level:	Level 1
Unit Credit Value:	3
GLH:	23
LASER Unit Code:	WJH175
Ofqual Unit Code:	L/650/0173

This unit has 7 learning outcomes.

Learning Outcome (The Learner will):		Assessment Criteria (The Learner can):	
1.	Know how to differentiate between bees in a honey bee hive.	1.1	State the physical characteristics of a worker bee.
		1.2	State the physical characteristics of a queen bee.
		1.3	State the physical characteristics of a drone bee.
2.	Know the different functions of bees in a honey bee hive.	2.1	List the different jobs a worker bee has in her lifecycle.
		2.2	Outline the main function of a drone bee in the hive.
		2.3	Outline the main functions of a queen bee in the hive.
3.	Understand how bees communicate and interact.	3.1	Describe how bees vision works to include: <ul style="list-style-type: none"> • Number and types of eyes • Difference between the eye types
		3.2	State the methods bees use to communicate with each other.
		3.3	Describe how bees communicate to each other about nectar and pollen sources.
4.	Know why bees swarm and how to avoid swarming.	4.1	List the reasons why bees swarm.
		4.2	State the ways a beekeeper can stop a hive from swarming.
5.	Understand the natural resources a colony of bees need to survive.	5.1	Outline the natural resources bees need to survive.
		5.2	State where bees find: <ul style="list-style-type: none"> • Nectar • Pollen
		5.3	Provide a definition of propolis.
		5.4	State where bees find the natural resources to make propolis.
		5.5	Outline how pollen is used by bees.
		5.6	Outline how bees make honey from nectar.
6.	Understand how bees wax is	6.1	Outline how bees make beeswax.

	made and its uses.	6.2	Outline how bees use beeswax.
		6.3	State how beeswax is used commercially.
7.	Understand bee stings and what to do if someone is stung.	7.1	State why honey bees sting humans.
		7.2	Outline how honey bees sting humans.
		7.3	Give examples of the symptoms and reactions of a bee sting in humans.
		7.4	State what you should do if someone is stung by a bee.

Assessment Guidance:
Additional Information:

This unit provides partial coverage towards the following National Occupational Standards (NOS):

- LANCS87 Establish a honey bee hive
- LANCS88 Monitor and maintain a honey bee hive
- LANCS89 Collect products from a honey bee hive