

The Crown Estate Sustainability Initiative Meadow Quest

Pupils will understand the importance of bees for ecosystems and how meadow management can help to protect biodiversity.



Reflecting on gameplay

2

1. Where is the world based?
2. What has happened so far?
3. What did you find out farm management?
4. Can you remember what an insect specialist is called?



Why are bees important?

3

- Bees are important **pollinators** for **plant reproduction**. They carry pollen from one flower to another. Without bees, many foods such as **fruits**, **vegetables** and **nuts**, would not grow.
- There are many types of wild bees - bumblebees, leaf cutter bees, burrowing bees, social bees and solitary bees.
- Some people keep honey bees to produce honey which is delicious and has many health benefits.
- Bees help to maintain **biodiversity** by pollinating plants and providing food for other animals.



Why do bees need protection?

4

Unfortunately, bees are facing many threats, including habitat loss, climate change, and the use of pesticides.

97% of wildflower meadows have been lost since 1930s through changing use or development.

Human populations continue to grow and expand into previously wild areas.

Which jobs did you see in the world that are related to meadow management?

5



Role descriptions

6

Role descriptions

Worksheet

Farmer

Role: I look after all the agricultural activities, such as making the hay, and managing the cattle. I need to make sure all our farming is sustainable, and produces good quality food and habitats.

Key skills:

- Flexible
- Enjoys teamwork
- Good attention to detail
- Good communication skills
- Patience and ability to stay calm



Entomologist

Role: I know all about insects and other bugs. Windsor Great Park has many rare and endangered species, and I help to ensure that our habitats are suitable for their life cycles.

Key skills:

- Naturally curious
- Good attention to detail
- Good communication
- Patient and resilient
- Enjoys teamwork



Get ready to recruit another group to come and work for you!

7



Making our school bee-friendly

8

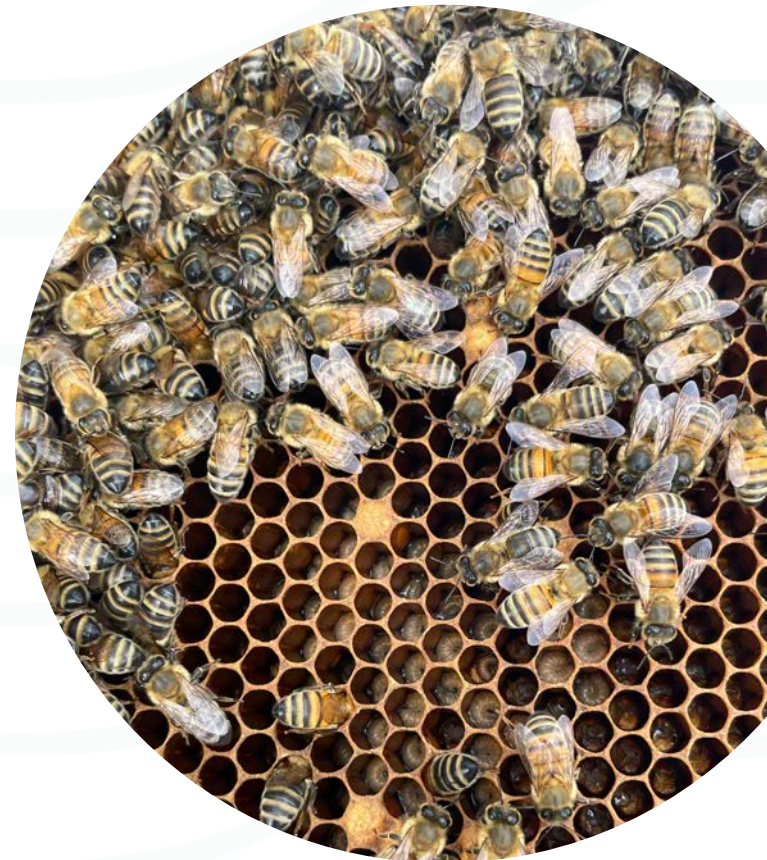
Which flowers do we see in our local area?



Reflection

9

- A fact / new definition I learned today about meadow management is...
- Something I learned about Entomologists is...
- Something I found challenging was...
- One thing I will do to protect bees is...



How can we protect bees in our own area?

10

