

**Main subject:**

**Biology**

**Linked subjects:**

**1. Geography 2. Design and Technology**

**Year**

**7**

## The Bee Hotel Project

**The aim of this extension task is to:**

**Research the need to protect the bumblebee population in the UK and design and make a home for bumblebees to put in the school grounds.**

**Why Not?**  
It's just for fun!

### **Context of task:**

You have learned that bees are important pollinators for plants. Research reasons why the bee population in the UK is declining and why it is critical for us to do all we can to prevent this decline. Design and make a 'bee hotel' to be put in the school grounds to provide shelter for bees during the Winter.

### **Questions / Issues to address:**

1. Why is it crucial to protect the bee population in the UK? You should consider several arguments, including economic and environmental. Think about the effects of bee decline on the ecosystems in which they live.
2. Why is the bee population in the UK declining? Consider factors such as climate change and deforestation.
3. What kind of habitat do bees require to survive over the Winter and how could you simulate this in your design of a 'bee hotel'?
4. How are you going to make sure that you are sourcing your resources for your 'bee hotel' from sustainable sources. Could you 'upcycle' waste that would otherwise go to landfill?

### **Expectation**

Produce either a presentation, video or 2-page A4 document to present your research on the decline of the bee population, and create a bee hotel. You must be able to justify your choices when designing the hotel.

### **Deadline:**

**End of year 7**



### **Note to students:**

It is not essential, but you are encouraged to extend this task into an area of your own particular interest . If you would like to do so, please discuss your ideas with your teacher.