



# EMPIRIBOX

## Primary School Science

Empiribox is focusing on the environment and how to protect it. Part of this is encouraging more wildlife into our parks and gardens.

In this investigation, your class will find out why it is important to encourage bugs and insects into gardens and how you can make a bug hotel to help with the ecosystem and wildlife in your area.

Spectacular Science

Bug Hotel

### Can you make a bug hotel?

**Task:** Make a bug hotel at your school to encourage insects and bugs

### Things you could use to make a bug hotel

Wooden Pallets	Plastic Bottles	Plastic Bottles
Broken Bricks & Tiles	Stone Chips	Stone Chips
Broken Plant Pots	Logs and Twigs	Logs and Twigs
Spare Rolls of Turf	Dry Leaves	Dry Leaves
Hollow Plant Stems	Straw or Hay	Straw or Hay

### Instructions

An average garden in the UK hosts more than 2,000 different bugs and insects! Many of these creepy crawlies are vital to sustain the ecosystem and encourage pollination of plants. However, with gardens being kept manicured and more land being built on, many of their habitats are being destroyed.

As a class, you can build a bug hotel in the school grounds or plan how you would build one and ask children to make something at home.

Think about how you'll provide safe dry/damp places for the different insects to live. Draw your design before you begin and label the different materials you will use. We'd love to see your hotels so why not share on Twitter or Facebook and use the hashtag #SpectacularScience

### Top Tip

Some bugs like small, dark and damp spaces while others like bright and sunny places to live. When you're putting your hotel in the garden or school field, make sure you can accommodate both of these things. Maybe try putting it near a hedge or wall!