

Oswald Road Primary School

Science Home Learning Project – The Great Bug Hunt!



This half term, we are focusing on living things in Science.

The challenge is simple- go to a safe outside space, with a pencil and notepad, and head to the nearest hedges, flower beds, trees, long grass, logs, stones, rocks to explore and create a project based on what you have found. **Please be sure, however, to follow government advice when you are outside.**

If you don't have access to an outdoor space, you could hunt for bugs inside your home or research them online.

Once you've had a look in your outdoor space, you might want to choose one bug to focus your project on or you might want to choose a question you want to answer. E.g. What colour flowers do bees prefer?

We have included some discussion starters and some project ideas for each key stage.

Remember to be as creative as you want with this project, you have complete freedom to showcase your learning however you choose.

Your projects might include a poster, a report, a video or even a podcast or poem!

Here are some ideas:

- Draw and label an insect
- Group and classify the insects you have found
- Create a food chain
- Make a survey of all of the insects that visit your garden
- Find out which habitats are best suited to the insects you find.

Remember to post your work onto Seesaw or send it to your teacher via admin@oswaldroad.manchester.sch.uk

Useful websites:

<https://www.bbc.co.uk/cbeebies/shows/mini-beast-adventure-with-jess>

<https://www.theschoolrun.com/homework-help/insects>

<https://www.dkfindout.com/us/animals-and-nature/insects/>

<https://pestworldforkids.org/>

Activity ideas:

EYFS:

- What is a bug?
- What bugs or minibeasts can you find in your garden?
- Do all bugs live in the same place?
- Can you draw a picture of a bug you found and write its name?
- Can you make a model of a bug you have found?
- Can you go on a bug hunt?

Key Stage 1:

- How many different types of bugs can you find in the garden?
- How can you group the bugs you have found?
- Can you choose a bug to observe and report back what you have found out about it?
- Can you find out what your chosen bug eats and what its ideal habitat would be?
- Can you create a simple food chain for your chosen bug?
- Where can we find the most worms?
- Can you make a wormery?

Lower key Stage 2:

- How many different ways can you sort the bugs you have found?
- Is there a pattern as to where particular bugs or insects are found?
- What colour flowers do pollinating insects prefer? Why?
- How has the use of insecticides affected the bee population?
- Could you create a 'Top Trumps' set of cards with interesting facts about the insects in your garden?

Upper Key Stage 2:

- What is the most common invertebrate in your garden?
- How have insects adapted to survive?
- What are microplastics and how are they harming insects and the animals that eat insects?
- Can you describe and compare the life cycle of two different insects?
- Can you record a Newsround show or a documentary based on information you have learnt about the insects in your garden?