

# What goes on secretly in YOUR garden?

Want to find out?

Here is your opportunity to be an explorer and a scientist.

How does a scientist do science?

A scientist will observe and form an opinion (called a hypothesis) based on their observations of why something happens.

They will then set up experiments to see if their opinion is correct.

Often requiring a number of experiments. Each experiment should have only a single variable and be compared to a control experiment. A control experiment is for comparison so that the scientist can be certain it is the variable being examined is the cause.

## Experiment: Who is in my Garden?

### Bug Faces

**Aim: What bugs are in my Garden and on what Plants?**

Discover the secret life of Bugs.

Explore your garden and take photos of bug faces and a photo of your map.

Send the photo to us for the Bug Gallery, and our Flower Gallery

What goes on in your Garden?

**Equipment: What we need.**

- A mobile phone. If you don't have one bring someone into your garden who does.

Get them to take the photos as you search. If your phone friend has a macro lens attachment (*Blackeye is one brand of clip-on micro lens that is low cost and fits all mobile phones*) for their phone that will help. Otherwise zoom in and we will do the rest when you send us your bug photo.

**What to do:**

1. Draw a map of your garden
2. Mark out what type and where different plants grow.
3. Photograph what flowers are out.
4. Take a photo of the bugs you find (ideally photo its face)
5. Mark where and what sort of bug you saw.
6. Mark where you took the bug face photo.
7. On what plant was your bug?
8. Send your bug face photos and photo of your map to "Bug Faces" at: [bees@beecafe.org](mailto:bees@beecafe.org)
9. You can view your picture oat [www.beecafe.org](http://www.beecafe.org)

**Join our Bug Science Experiments at [www.beecafe.org](http://www.beecafe.org)**

Copyright Aug 2022 Rev Lachlan Thompson and Anne Brumfitt.

not to be reproduced without permission which can be obtained by request via: [bees@beecafe.org](mailto:bees@beecafe.org)