



Testbourne Community School

Science Summer Challenge

The Secret Code of Flowers! 🌸🐝

Flowers aren't just beautiful—they're full of hidden **messages and tricks** to attract pollinators! This summer science challenge will turn you into a **flower detective**, uncovering why flowers look the way they do and how they communicate with insects.

How to Investigate:

1. Choose a Few Flowers 🌼

- Find different types of flowers in your garden, park, or local area.
- Try to pick ones with different colours, shapes, and scents.

2. Observe Like a Scientist! 🔍

- **Colour:** What colours stand out the most? Which colours do you prefer?
- **Shape:** Are they wide and open, or long and narrow? Different pollinators prefer different shapes.
- **Scent:** Do they smell strong or barely at all? Sweet-smelling flowers attract bees, while some flowers even smell bad to trick flies!
- **Activity:** Watch closely—do bees, butterflies, or other insects visit the flowers? Which ones are most popular?

3. Research & Discover 📖

- Find out what pollinators visit the flowers you observed.
- Learn about special flower adaptations—like how snapdragons only open for bees that are strong enough!

4. Bonus Experiments! 🌻

- Try planting a few different flowers and observe which ones get the most visitors over time!
- Make a simple **sugar-water feeder** for butterflies and see if they come to visit.

By the end of summer, you'll understand the **secret language of flowers**—and you might even spot **pollinators in action**! Does this sound fun to explore? 🚀🌿