



Bumble Bee Biologist

Learning Outcomes

Learn about various types of bumble bees. Learn how to collect and preserve an insect specimen. Learn how to be a citizen scientist and add data to an online database.

Pretend you are an entomologist. Capture and preserve a bumble bee specimen. Take pictures of wild bumble bees and post them on an online database.

Challenges

Specimen Collector

- Collect a common bumble bee from your home environment and preserve it for study according to the guidelines found in *How to Collect, Preserve and Identify Insects*. Pin the specimen and post a picture of it on a social media platform of your choice. Submit a screenshot of your post.
- **Learning Outcomes:** *Learn how entomologists collect and preserve insect specimens.*

Bumble Bee Watch

- Visit the bumblebeewatch.org website. Learn why the website was created and why their work is important. On the website research the rusty patched bumble bee and discover what is being done to help save this species. Submit a brief explanation of their mission and 5 things that you learned about the rusty patched bumble bee.
- **Learning Outcomes:** *Learn about bumble bee watch and their mission to protect endangered invertebrates.*

Bumble Bee Photographer

- Take 5 pictures of bumble bees in the wild. Submit these photos on the bumble bee watch either on the website or through the downloadable app. Attempt to identify what species of bumble bees you took pictures of using their preliminary identification tools. Submit your photos and species list.
- **Learning Outcomes:** *Learn how to take pictures of bumble bees, how to post them on bumblebeewatch.org and how to identify them.*