

## **Plant Adaptation Study**

All plants are adapted to thrive in certain growing conditions. They have specialized structures that help them survive in even the most extreme environments. You will be randomly assigned an ecosystem; your job is to explore how plants are adapted to the conditions in this ecosystem.

- ☐ Research the growing conditions in this ecosystem: sunlight, precipitation, soil type, etc.
- ☐ Choose one plant to explore in-depth.
- ☐ Create a Visual Journal page (or pages) to share your findings.
- ☐ Your work must include:
  - ☐ A summary of the growing conditions in your ecosystem
  - ☐ Description of the specialized structures or adaptations your plant uses to survive
  - ☐ Explanation of how/why these adaptations work
  - ☐ A diagram of the overall plant
  - ☐ At least two, labelled, close-up diagrams of structures or features of your plant