# Stage 2 and Stage 3

## Biodiversity Guardians

### Outcomes

*Stage 2*

**ST2-1WS-S** questions, plans and conducts scientific investigations, collects and summarises data and communicates using scientific representations

**ST2-2DP-T** selects and uses materials, tools and equipment to develop solutions for a need or opportunity.

*Stage 3*

**ST3-1WS-S** plans and conducts scientific investigations to answer testable questions, and collects and summarises data to communicate conclusions

**ST3-2DP-T** plans and uses materials, tools and equipment to develop solutions for a need or opportunity

**ST3-4LW-S** examines how the environment affects the growth, survival and adaptation of living things.

### Content

**Students:**

* describe how living things depend on each other and the environment to survive, for example: (ACSSU073)
  + bees and flowers
  + birds eat and disperse seeds
* describe how changing physical conditions in the environment affect the growth and survival of living things
* understand that scientific and technological knowledge is used to solve problems and inform personal and community decisions (ACSHE083, ACSHE100).

### Incursion description

Students will:

* engage in a variety of hands-on learning activities as they conduct a habitat survey and biodiversity audit of your school
* be supported and guided to develop ideas about how your school grounds could be improved to encourage a broader diversity of plant and animal life.