**Strand:** Exploring, analyzing and modelling data  
**Band:** Middle Years  
**Standard:** 2  
**Year Level:** 3

**Key Idea**
Students generate and analyse data from a diverse range of sources (including online) and perspectives to investigate situations drawn from their personal lives and the world around them. They use this data to explore patterns and relationships, and to inform their choices and actions. [Id] [T] [C] [KC1]

**Outcome**
2.1 Poses questions, explores patterns, and collects relevant data. They record and represent the data, and also use data presented by others. [T] [C] [KC1] [KC2]

**Task/Activities**
Survey
- Pose a question on which to base your survey  
  - Favourite city in Australia  
  - Favourite football team  
  - Eye colour
- Gather information together
- Record using a tally or table
- Decide how to present your information
- Use an appropriate scale.

**Examples of evidence towards achievement of outcomes**
Students:
- Pose appropriate question
- Gather information
- Record using tallies and tables
- Represent information using bar, line, column or picture graphs
- Choose appropriate type of graph to illustrate information
- Justify choice of graph type
- Demonstrate an understanding of scale.

Exemplar on next page
Exemplar

Our class chose their favorite city.

Adelaide = ### ### 1
Sydney = ### 1
Perth = 1
Melbourne = ####
Canberra =
Hobart = 1
Brisbane = ###

Scale: 1 square represents 1 choice.