

Pathfinder Census

Meet the Pathfinders! Find out how much you, and your classmates, have in common with them.

Learning outcomes

All students will be able to:

- organise data and information
- identify patterns and relationships
- share findings through displays

Some students will be able to:

- share findings through displays to present data in a creative way

Previous knowledge

Before undertaking this activity, get students to review each Pathfinder's career information sheet and poster. These documents include information about each Pathfinder that is relevant to this activity.

↓ [Career Information Sheets](#)

↓ [Pathfinder Posters](#)

Instructions

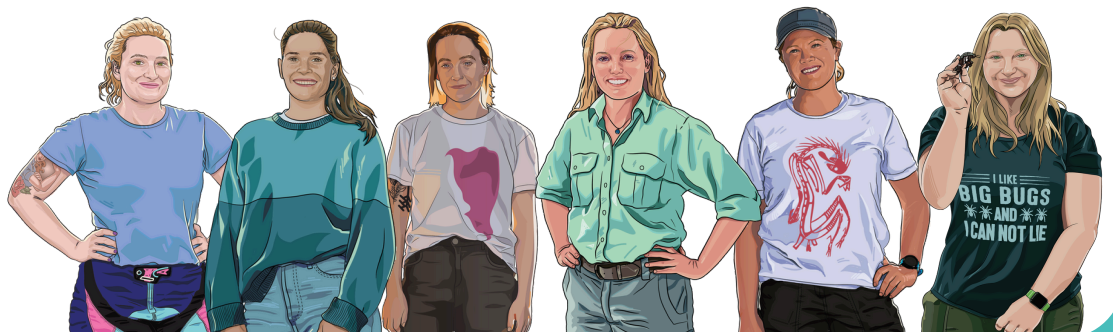
Tell your students they will analyse their classmates to see which Pathfinder they are most like.

Students will use the tally worksheet to gather data about their classmates. After they've finished collecting their data, they will use the graph worksheet to organise their information to make it easier for them to analyse it. After they've analysed their data, they can answer the questions on the graph worksheet.

Note: There are two versions of the tally and graph worksheets to cater to students' different abilities. We recommend that students in Years 3 and 4 use **Worksheet 1** and students in Years 5 and 6 use **Worksheet 2**. Please choose the sheet most appropriate to the skill level of your classroom.

↓ [Worksheet 1](#)

↓ [Worksheet 2](#)



**Australian Curriculum V9.0
links for Years 3 to 7**

Science

- Science Inquiry

General Capabilities:

- Critical and Creative Thinking
- Numeracy
- Personal and Social Capability
- Literacy

Curriculum Links

Links with the Science Curriculum Area

Strand	Content Description
Science Inquiry	<u>AC9S3I04</u> – Year 3 construct and use representations, including tables, simple column graphs and visual or physical models, to organise data and information, show simple relationships and identify patterns <u>AC9S4I04</u> – Year 4 construct and use representations, including tables, simple column graphs and visual or physical models, to organise data and information, show simple relationships and identify patterns <u>AC9S5I04</u> – Year 5 construct and use appropriate representations, including tables, graphs and visual or physical models, to organise and process data and information and describe patterns, trends and relationships <u>AC9S6I04</u> – Year 6 construct and use appropriate representations, including tables, graphs and visual or physical models, to organise and process data and information and describe patterns, trends and relationships

