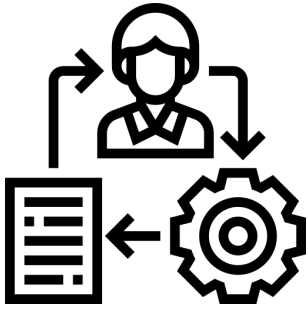




Investigation planner

Supporting Science Inquiry Skills

An investigation planner is a scaffold that supports students to plan, conduct, record and represent data and information.

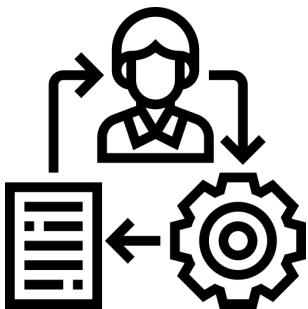
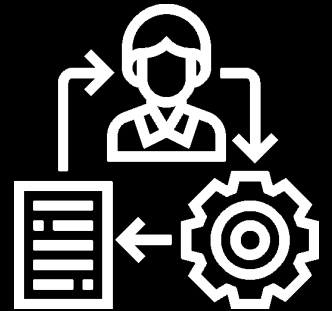


How?

- Provide a template for investigation in the *Elaborate* phase.
- Collaborative teams may complete one as a team or each student may complete one.
- Use tools such as a variables grid to support students' developing understanding of fair testing methodologies.

Why?

- Provides a valuable scaffold to help students develop Science Inquiry Skills.
- Prompts them to consider many of the aspects of an investigation that a scientist in the field would consider.



Supporting learning

- Investigation planners provided at each year level have differentiation built in.
- Scaffolds are gradually reduced as students advance through the grades. For example, grids are provided for the creation of graphs in earlier years, but removed for later years.
- Scaffolds can continue to be used for students who require it.

Gathering data

Teachers use completed scaffolds, anecdotal observations, and evidence presented using PROE, QCER or CROWN strategies to summatively assess students' Science Inquiry Skills. Look for evidence of students' skills across the strands: Questioning and Predicting, Planning and conducting, Processing and analysing data and information, Evaluating and Communicating.

