



STUDY GUIDE

Year 8 Science

Chapter 1

Assessment

Task p1

Chapter	Content Description	Elaborations
Science Inquiry Skills Chapter 1 (1 or 2 weeks)	Questioning and predicting	*Identify questions and problems that can be investigated scientifically and make predictions based on scientific knowledge (AC SIS139).
	Planning and conducting	*Collaboratively and individually plan and conduct a range of investigation types, including fieldwork and experiments, ensuring safety and ethical guidelines are followed (AC SIS140). *In fair tests, measure and control variables, and select equipment to collect data with accuracy appropriate to the task (AC SIS141).
	Processing and analysing data and information	*Construct and use a range of representations, including graphs, keys and models to represent and analyse patterns or relationships, including using digital technologies as appropriate (AC SIS144). *Summarise data, from students' own investigations and secondary sources, and use scientific understanding to identify relationships and draw conclusions (AC SIS145).
	Evaluating and Communicating	*Reflect on the method used to investigate a question or solve a problem, including evaluating the quality of the data collected, and identify improvements to the method (AC SIS146). *Use scientific knowledge and findings from investigations to evaluate claims (AC SIS234). *Communicate ideas, findings and solutions to problems using scientific language and representations using digital technologies as appropriate (AC SIS148).