

	Prescribed Research	Bounded research	Scaffolded research	Student initiated research	Open research
<b>Embark and Clarify</b>	I was given a series of question sheets from my teacher and some set information to answer the questions.	I was given a series of question sheets from my teacher with choice about how I answered them.	I was able to choose from a range of questions and how I answered them.	I was asked to generate some of my own questions but had help from my teacher.	I generated my own questions and chose how I would answer the questions.
<b>Find and Generate</b>	I was given the information I needed from the teacher and I needed to use this information. OR I was told which practical to do and what data to collect.	I was given the information I needed from the teacher but the parts I needed were not clear. OR I was told how to complete a practical investigation but not told how to use the data.	I found my own information from a choice of resources the teacher had chosen. OR I had some choice about how I designed a specified practical.	I found my own information based on a set of guidelines. OR I designed my own experiment based on structured guidelines.	I found my own information that was relevant to the question I designed. OR I designed my own experiment to test my own hypothesis.
<b>Evaluate &amp; Reflect</b>	I evaluated my experiment according to the criteria given to me.	I evaluated my experiment based on some criteria.	I have shown I can identify improvements in my experiments without prompts.	I can refine my experiment to get more consistent results. I can explain to others why the improvements I have suggested would make a difference.	I can use my data to explain improvements needed in my experiment. I have chosen the criteria that I will use to critique my experiment.
<b>Organise &amp; Manage</b>	I have required support to fill in tables and set out my work.	I have made choices between 2 options when organising my work.	I have chosen my own method of organising my work.	I have chosen my own method of organising my work in line with the criteria.	I have chosen my own method of organising my work based on self-determined criteria.
<b>Analyse &amp; Synthesise</b>	I have found answers to questions set. I have asked questions to clarify information.	I have found answers to questions and put them in a standard format. I have asked questions I could go and find answers to.	I have found information or collected data and have made new questions to investigate to based on my findings.	I have found some gaps in what people know and have thought about some possible answers to these gaps.	I have found some gaps in what people know and have tried some tests or thought about an experiment to find answers to these gaps.
<b>Communicate &amp; Apply</b>	I have used very simple language and applied my knowledge to similar situations in the past.	I have used some scientific language in my report. I have applied my knowledge to a new context.	I have used scientific language to show my understanding and used formulae where appropriate. I have shown where my knowledge fits in a range of areas.	I have used scientific language to show my understanding and have identified some gaps in knowledge. I have shown my knowledge in different ways.	I have used scientific language to show my understanding and have identified some gaps in knowledge. I have shown my knowledge in different ways and how it connects to other areas of learning.