

Fulwood Academy- KS3 Grade Descriptors- Science



Level	Knowledge Recall	Application of Knowledge	Practical Investigations
6+	Recalls all scientific facts. Able to evaluate information critically and identify weaknesses.	Exceeds mastery goals by applying knowledge to complex, unfamiliar situations. Compares key scientific information effectively.	Independently devises investigations to test hypotheses and critically evaluates evidence for anomalies.
5+	Recalls almost all scientific facts. Evaluates scientific data independently.	Exceeds mastery goals by predicting outcomes and analysing similarities or differences. Links content across topics.	Plans and conducts investigations with high precision, drawing conclusions based on scientific knowledge.
5-	Recalls most scientific facts. Applies knowledge to familiar and some unfamiliar situations.	Understands links between topics and draws on scientific knowledge to explain conclusions.	Independently carries out investigations and applies scientific methods to explain results.
4-	Recalls most scientific facts and terminology. Applies knowledge to familiar situations.	Uses scientific concepts to draw conclusions and link knowledge across topics.	Conducts valid investigations with analysis to support conclusions.
3=	Recalls key scientific facts. Begins to apply knowledge in new contexts.	Demonstrates understanding of scientific terminology.	Completes investigations to obtain valid results with occasional support.
2+	Recalls some scientific facts and terms. Applies knowledge with assistance.	Limited ability to link scientific concepts.	Completes investigations with support, showing basic understanding.
1+	Recalls few scientific facts. Limited understanding of scientific concepts.	Struggles to apply knowledge without support.	Completes investigations with help and support.
0+	Limited recall of scientific facts.	Unable to apply knowledge independently.	Requires full support for completing investigations.