

Progression of Vocabulary in Science Working Scientifically

Key Stage 1	Lower Key Stage 2	Upper Key Stage 2
question	research	plan
answer	relevant	variables
observe	questions	measurements
observing	scientific enquiry	accuracy
equipment	comparative and fair test	precision
identify	systematic	repeat readings
classify	careful observation	
sort	accurate	record data
diagram	measurements	scientific diagrams
chart		labels
map	equipment	classification keys
data	thermometer	tables
compare	data logger	scatter graphs
contrast		bar graph
describe	data	line graph
biology	gather	predictions
chemistry	record	further comparative and fair test
physics	classify	report and present conclusions
group	present	causal relationships
record		explanations
	record	degree of trust
	drawings	oral and written display and presentation
	labelled diagrams	
	keys	evidence
	bar charts	support
	tables	refute
	oral and written explanations	identify, classify and describe
	conclusion	patterns

	predictions	systematic
	differences	quantitative
	similarities	
	changes	
	evidence	
	improve	
	secondary sources	
	guides	
	construct	
	interpret	