

Working Scientifically

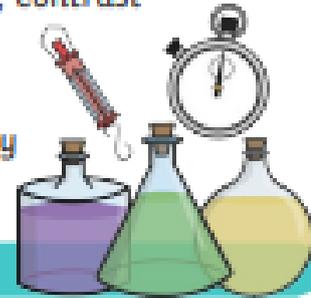
KS1

question
answer
observe
observing
equipment
identify

classify
sort
group
record - diagram,
chart, map
data

compare, contrast
describe

biology
chemistry
physics



LKS2

research - relevant questions
scientific enquiry

comparative and fair test
systematic, careful observation
accurate measurements

equipment - thermometer,
data logger

data - gather, record,
classify, present

record - drawings,
labelled diagrams,
keys, bar
charts, tables

oral and written
explanations

conclusion
predictions

differences,
similarities, changes

evidence
improve
secondary sources

guides, keys

construct
interpret

UKS2

plan
variables
measurements
accuracy
precision
repeat readings

report data - scientific diagrams,
labels, classification keys, tables,
scatter graphs, bar graph and
line graphs

predictions

further comparative and fair test

report and present
- conclusions, causal
relationship, explanations,
degree of trust, oral and
written display and
presentation.

evidence - support, refute
ideas or arguments

identify, classify
and describe

patterns

systematic

quantitative measurements

