

# 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, differences,  
labelled diagrams, similarities, changes  
keys, bar

charts, tables

oral and written  
explanations

conclusion

predictions

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

