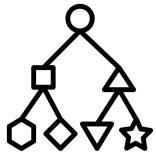
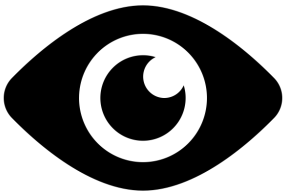
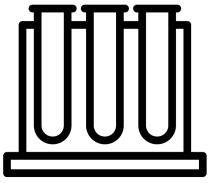
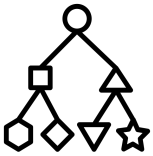
Sorting, Identifying and Classifying	Questioning	Explaining	Recording
			
Recognising	**Observing and Measuring**	**Testing**	**Evaluating**
			



Sorting, Identifying and Classifying

EYFS	Finding things that are similar or different. Sorting and matching things.
KS1	Looking for patterns- sorting and grouping.
LKS2	Looking for patterns- identifying and classifying.
UKS2	Using and developing keys to identify and classify living things and materials.

Questioning

EYFS	Being curious and starting to ask questions
KS1	Asking questions.
LKS2	Asking relevant questions.
UKS2	Using scientific knowledge to ask questions.

Explaining

EYFS	Talking about what I have done and noticed.
KS1	Explaining results- saying what we found out.

LKS2	Explaining results- drawing conclusions and using results.
UKS2	Using scientific language to draw conclusions.

Recording

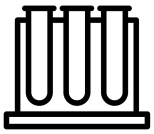
EYFS	Making simple records of what I notice or how things change.
KS1	Recording information.
LKS2	Choosing how to record information- tables, tally charts, Venn and Carroll diagrams and bar charts.
UKS2	Recording data, taking repeat measurements where necessary and calculating a mean.

Recognising

EYFS	Looking closely at things and noticing changes.
KS1	Using books, videos, the internet, people and photos to find answers.
LKS2	Recognising when to use other sources of information to find answers.
UKS2	Recognising when to use other sources to answer questions and separating opinion from fact.

Observing and Measuring

EYFS	Using senses to observe and look closely.
KS1	Observing and measuring.
LKS2	Carefully observing and accurately measuring.
UKS2	Accurately taking measurements using scientific equipment.

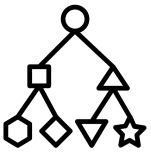
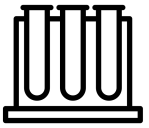


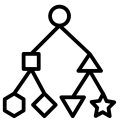
Testing

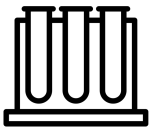
EYFS	Performing simple tests and using equipment.
KS1	
LKS2	Setting up enquiries and choosing equipment.
UKS2	Planning different types of enquiry controlling variables where necessary.

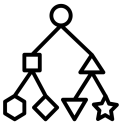
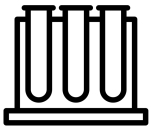
Evaluating

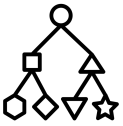
EYFS	
KS1	Saying why a test is unfair.
LKS2	Setting up fair tests (with help).
UKS2	Evaluating plans and results and suggesting improvements.

Early Years - Working Scientifically			
Finding things that are similar or different.		Being curious and starting to ask questions	
Sorting and matching things.		Talking about what I have done and noticed.	
Making simple records of what I notice or how things change.		Looking closely at things and noticing changes.	
Using senses to observe and look closely.		Performing simple tests and using equipment.	

KS1 - Working Scientifically			
Looking for patterns- sorting and grouping.		Asking questions.	
Using books, videos, the internet, people and photos to find answers.		Explaining results- saying what we found out.	

Recording information.		Saying why a test is unfair.	
Observing and measuring.		Performing simple tests and using equipment.	

LKS2 - Working Scientifically			
Looking for patterns- identifying and classifying.		Asking relevant questions.	
Recognising when to use other sources of information to find answers.		Explaining results- drawing conclusions and using results.	
Choosing how to record information- tables, tally charts, Venn and Carroll diagrams and bar charts.		Setting up fair tests (with help).	
Carefully observing and accurately measuring.		Setting up enquiries and choosing equipment.	

UKS2 - Working Scientifically			
Using and developing keys to identify and classify living things and materials.		Using scientific knowledge to ask questions.	
Recognising when to use other sources to answer questions and separating opinion from fact.		Using scientific language to draw conclusions.	

Recording data, taking repeat measurements where necessary and calculating a mean.		Evaluating plans and results and suggesting improvements.	
Accurately taking measurements using scientific equipment.		Planning different types of enquiry controlling variables where necessary.