















SCIENCE ENQUIRY SKILLS AND APPROACHES
















<u>YEAR 1</u> <u>(ENQUIRY SKILLS)</u>		Everyday Materials 1 - Exploring Everyday Materials	Seasonal Changes	Animals, including humans 1 - All about me	Plants	Everyday Materials 2 - Building Unit	Animals, including humans 2 - All about animals
Asking questions							
Making predictions							
Setting up tests							
Observing and measuring							
Recording data, results and findings							
Interpreting and communicating results							
Evaluating							








Year 1 (Enquiry approaches)		Everyday Materials 1 - Exploring Everyday Materials	Seasonal Changes	Animals, including humans 1 - All about me	Plants	Everyday Materials 2 - Building Unit	Animals, including humans 2 - All about animals
Comparative/fair testing							
Research							
Observation over time							
Pattern-seeking							
Identifying, grouping and classifying							
Problem-solving							

Year 2 (Enquiry skills)		Plants	Animals, including humans 1 - Health and survival	Uses of everyday materials	Living things and their habitats - Habitats around the world	Animals, including humans 2 - Life cycles	Light
Asking questions							
Making predictions							
Setting up tests							
Observing and measuring							
Recording data, results and findings							
Interpreting and communicating results							
Evaluating							

Year 2 (Enquiry approaches)		Plants	Animals, including humans 1 - Health and survival	Uses of everyday materials	Living things and their habitats - Habitats around the world	Animals, including humans 2 - Life cycles	Light
Comparative/fair testing							
Research							
Observation over time							
Pattern-seeking							
Identifying, grouping and classifying							
Problem-solving							

Year 3 (Enquiry skills)		Scientific Enquiry	Living things and their habitats (N.B. Y2 unit)	Animals, including humans	Forces and magnets	Rocks	Plants
Asking questions							
Making predictions							
Setting up tests							
Observing and measuring							
Recording data, results and findings							
Interpreting and communicating results							
Evaluating							



Year 3 (Enquiry approaches)		Scientific Enquiry	Living things and their habitats (N.B. Y2 unit)	Animals, including humans	Forces and magnets	Rocks	Plants
Comparative/fair testing							
Research							
Observation over time							
Pattern-seeking							
Identifying, grouping and classifying							
Problem-solving							






Year 4 (Enquiry skills)		Animals, including humans	Living things and their habitats	Electricity	States of matter	Sound	Living things and their habitats - Conversation
Asking questions							
Making predictions							
Setting up tests							
Observing and measuring							
Recording data, results and findings							
Interpreting and communicating results							
Evaluating							

Year 4 (Enquiry approaches)		Animals, including humans	Living things and their habitats	Electricity	States of matter	Sound	Living things and their habitats - Conversation
Comparative/fair testing							
Research							
Observation over time							
Pattern-seeking							
Identifying, grouping and classifying							
Problem-solving							

Year 5 (Enquiry skills)		Living things and their habitats	Properties of materials	Earth and space	Animals, including humans	Forces	Electricity
Asking questions							
Making predictions							
Setting up tests							
Observing and measuring							
Recording data, results and findings							
Interpreting and communicating results							
Evaluating							

Year 5 (Enquiry approaches)		Living things and their habitats	Properties of materials	Earth and space	Animals, including humans	Forces	Electricity
Comparative/fair testing							
Research							
Observation over time							
Pattern-seeking							
Identifying, grouping and classifying							
Problem-solving							

Year 6 [Enquiry skills]		Light	Evolution and inheritance	Animals, including humans	Changes of materials	Living things and their habitats	Looking after the environment
Asking questions							
Making predictions							
Setting up tests							
Observing and measuring							
Recording data, results and findings							
Interpreting and communicating results							
Evaluating							

Year 6 (Enquiry approaches)		Light	Evolution and inheritance	Animals, including humans	Changes of materials	Living things and their habitats	Looking after the environment
Comparative/fair testing							
Research							
Observation over time							
Pattern-seeking							
Identifying, grouping and classifying							
Problem-solving	