



# National Curriculum Key Stage 2

Subjects and programmes of study

KNOWLEDGE (K) SKILLS (S) UNDERSTANDING (U)

	UNIT 1 Climate change challenge					UNIT 2 Carbon storage			UNIT 3 Choices & consequences				
ACTIVITY > *outdoors													
SUBJECT /PROGRAMME OF STUDY v	It's hotting up*	Greenhouse effect	Winners and losers	Race against time*	Our Changing World	Introducing a tree*	Trees as a solution	Mission carbon capture*	Let's calculate the carbon*	Pieces of the carbon pie	Moving carbon*	What's the difference?	Nature's number's up?
2. Planning and drafting													
3. Punctuation													
4. Spelling													
5. Handwriting & presentation													
7. Language structure													
8–12. Breadth of Study													
1–2. Geographical enquiry & skills	●										●	●	
3. K & U of place	●				●								
4. K & U of patterns & processes	●			●					●	●	●	●	
5. K & U of environmental change & sustainable development	●			●	●				●	●	●	●	
6. Breadth of Study				●						●			
1. Chronological understanding	●				●								
3. Historical interpretation													
4. Historical enquiry													
5. Organisation & communication													
6–8. Breadth of Study													
1. Finding things out													
2. Developing ideas and making things happen													
3. Exchanging & sharing													
4. Reviewing, modifying & evaluating work as it progresses													
5. Breadth of Study													

	UNIT 4 Renewable energy		UNIT 5 Multipurpose material			UNIT 6 Planting trees		UNIT 7 Everyone's challenge				
ACTIVITY > *outdoors												
SUBJECT /PROGRAMME OF STUDY v	Wood fuel – a cool choice*	Biofuel energy search	Once a tree trail*	Cradle to grave	Houses of wood*	Trees – fit for purpose	A pesky problem*	Forests for the future	Enjoy your local woodland*	Cooling the climate	Schools challenge*	< ACTIVITY *outdoors
2. Planning and drafting	●	●										2. Planning and drafting
3. Punctuation	●											3. Punctuation
4. Spelling	●											4. Spelling
5. Handwriting & presentation		●										5. Handwriting & presentation
7. Language structure												7. Language structure
8–12. Breadth of Study												8–12. Breadth of Study
1–2. Geographical enquiry & skills			●	●	●			●				1–2. Geographical enquiry & skills
3. K & U of place			●	●	●							3. K & U of place
4. K & U of patterns & processes				●								4. K & U of patterns & processes
5. K & U of environmental change & sustainable development	●	●	●	●	●	●	●	●	●	●	●	5. K & U of environmental change & sustainable development
6. Breadth of Study	●	●	●					●			●	6. Breadth of Study
1. Chronological understanding			●	●	●							1. Chronological understanding
3. Historical interpretation												3. Historical interpretation
4. Historical enquiry												4. Historical enquiry
5. Organisation & communication												5. Organisation & communication
6–8. Breadth of Study			●	●								6–8. Breadth of Study
1. Finding things out				●	●		●			●		1. Finding things out
2. Developing ideas and making things happen	●				●		●					2. Developing ideas and making things happen
3. Exchanging & sharing							●					3. Exchanging & sharing
4. Reviewing, modifying & evaluating work as it progresses	●						●					4. Reviewing, modifying & evaluating work as it progresses
5. Breadth of Study							●					5. Breadth of Study

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CURRICULUM LINKS	ACTIVITY > *outdoors	SUBJECT /PROGRAMME OF STUDY	UNIT 1 Climate change challenge					UNIT 2 Carbon storage			UNIT 3 Choices & consequences			
			It's hotting up*	Greenhouse effect	Winners and losers	Race against time*	Our Changing World	Introducing a tree*	Trees as a solution	Mission carbon capture*	Let's calculate the carbon*	Pieces of the carbon pie	Moving carbon*	What's the difference?
MATHEMATICS	1. Using and applying number		●						●	●				
	2. Numbers and Number systems		●						●	●				
	1. Using & applying shape, space & measures													
	4. Understanding measures		●						●					
MATHEMATICS	1. Using & applying handling data		●						●					
	2. Processing, representing & interpreting data		●						●	●				
MATHEMATICS	1. Knowledge, skills & understanding		●						●	●				
	2. Learning from Religion													
RELIGIOUS EDUCATION	3. Breadth of Study – themes, experiences & opportunities													
	1. Ideas and Evidence		●						●	●	●			
RELIGIOUS EDUCATION	2. Investigative Skills		●						●					
	1. Life Processes				●		●	●	●					
SCIENCE	2. Humans and other animals					●								
	3. Green Plants				●	●	●	●						
SCIENCE	5. Living things in their environment						●		●	●				
	1. Grouping and classifying													
SCIENCE	2. Changing materials								●		●			
	Communication/ Health & safety				●				●	●		●		

CURRICULUM LINKS	ACTIVITY < *outdoors	SUBJECT /PROGRAMME OF STUDY	UNIT 4 Renewable energy		UNIT 5 Multipurpose material			UNIT 6 Planting trees			UNIT 7 Everyone's challenge			
			Wood fuel – a cool choice*	Biofuel energy search	Once a tree trail*	Cradle to grave	Houses of wood*	Trees – fit for purpose	A pesky problem*	Forests for the future	Enjoy your local woodland*	Cooling the climate	Schools challenge*	
MATHEMATICS	1. Using and applying number													●
	2. Numbers and Number systems													
	1. Using & applying shape, space & measures							●						
	4. Understanding measures													
MATHEMATICS	1. Using & applying handling data													
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MATHEMATICS	1. Knowledge, skills & understanding													
	2. Learning from Religion													
RELIGIOUS EDUCATION	3. Breadth of Study – themes, experiences & opportunities												●	●
	1. Ideas and Evidence													
RELIGIOUS EDUCATION	2. Investigative Skills													
	1. Life Processes													
SCIENCE	2. Humans and other animals													
	3. Green Plants								●	●	●			
SCIENCE	5. Living things in their environment								●	●	●		●	
	1. Grouping and classifying								●	●				
SCIENCE	2. Changing materials	●	●	●	●									
	Communication/ Health & safety	●	●	●	●					●				