

Condover Church of England Primary School

Love Each Other and Know We Are Loved

Love Forgiveness Trust



CONDOVER PRIMARY SCHOOL

SCIENCE SKILLS PROGRESSION

		Raindrop and Stream	River and Estuary	Estuary and Ocean
Working Scientifically	Asking Questions	Pupils should be taught to: ☐ ask simple questions and recognise that they can be answered in different ways EYFS ELG: Listening, Attention and Understanding - Make comments about what they have heard and ask questions to clarify their understanding;	Pupils should be taught to: ☐ ask relevant questions and use different types of scientific enquiries to answer them ☐ set up simple practical enquiries, comparative and fair tests	Pupils should be taught to: ☐ plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
	Measuring and Recording	Pupils should be taught to: ☐ observe closely, using simple equipment ☐ perform simple tests ☐ gather and record data to help in answering questions	Pupils should be taught to: ☐ make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers ☐ record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables ☐ gather, record, classify and present data in a variety of ways to help in answering questions	Pupils should be taught to: ☐ take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate ☐ record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs

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	Concluding	Pupils should be taught to: ☐ identify and classify ☐ use their observations and ideas to suggest answers to questions ELG: Speaking - Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary; - Offer explanations for why things might happen, making use of recently introduced vocabulary from stories, non-fiction, rhymes and poems when appropriate;	Pupils should be taught to: ☐ identify differences, similarities or changes related to simple scientific ideas and processes ☐ report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions ☐ use straightforward scientific evidence to answer questions or to support their findings	Pupils should be taught to: ☐ identify scientific evidence that has been used to support or refute ideas or arguments ☐ report and present findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
	Evaluating	ELG: Speaking - Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary; - Offer explanations for why things might happen, making use of recently introduced vocabulary from stories, non-fiction, rhymes and poems when appropriate;	Pupils should be taught to: ☐ use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions	Pupils should be taught to: ☐ use test results to make predictions to set up further comparative and fair tests