

Woodloes 2025-2026 Curriculum

Science	Coverage
Animals including humans	<p>Year 3 5 (P.of Study) Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat.</p>
Animals including humans	<p>Year 3 4 (P.of Study) Identify that humans and some other animals have skeletons and muscles for support, protection and movement.</p>
Rocks	<p>Year 3 1 (P.of Study) Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties.</p>
Rocks	<p>Year 3 1 (P.of Study) Describe in simple terms how fossils are formed when things that have lived are trapped within rock.</p>
Rocks	<p>Year 3 1 (P.of Study) Recognise that soils are made from rocks and organic matter.</p>
Light	<p>Year 3 2 (P.of Study) Recognise that they need light in order to see things and that dark is the absence of light.</p>
Light	<p>Year 3 1 (P.of Study) Notice that light is reflected from surfaces.</p>
Light	<p>Year 3 2 (P.of Study) Recognise that light from the sun can be dangerous and that there are ways to protect their eyes.</p>
Light	<p>Year 3 4 (P.of Study) Recognise that shadows are formed when the light from a light source is blocked by a solid object.</p>
Light	<p>Year 3 1 (P.of Study) Find patterns in the way that the size of shadows change.</p>
Forces and magnets	<p>Year 3 1 (P.of Study) Compare how things move on different surfaces.</p>
Forces and magnets	<p>Year 3 3 (P.of Study) Notice that some forces need contact between two objects, but magnetic forces can act at a distance.</p>

Science	Coverage	Y1 Animal Parts	Y1 Bright Light...	Y1 Chop, Slice ...	Y1 Everyday M...	Y1 Human See...	Y1 Plant Parts	Y1 Seasonal C...	Y1 Shade and ...	Y2 Animal Sur...	Y2 Coastline	Y2 Habitats	Y2 Human Su...	Y2 Plant Surv...	Y2 Push and P...	Y2 Remarkabl...	Y2 Uses of Ma...	Y3 Animal Nu...	Y3 Cook Well, ...	Y3 Forces and...	Y3 Light and ...	Y3 Making It ...	Y3 Plant Nutri...	Y3 Rocks, Reli...	Y4 Electrical ...	Y4 Food and t...	Y4 Grouping a...	Y4 Misty Moul...	Y4 Sound	Y4 States of ...	Y5 Earth and ...	Y5 Forces and...	Y5 Human Re...	Y5 Properties ...	Y5 Sow, Grow ...	Y6 Circulatory...	Y6 Electrical ...	Y6 Evolution ...	Y6 Frozen Kin...	Y6 Light Theory
Forces and magnets	Year 3 1 P. of Study Observe how magnets attract or repel each other and attract some materials and not others.																		1																					
Forces and magnets	Year 3 1 P. of Study Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.																		1																					
Forces and magnets	Year 3 3 P. of Study Describe magnets as having two poles.																		3																					
Forces and magnets	Year 3 3 P. of Study Predict whether two magnets will attract or repel each other, depending on which poles are facing.																		3																					
Living things and their habitats	Year 4 8 P. of Study Recognise that living things can be grouped in a variety of ways.																																	8						
Living things and their habitats	Year 4 8 P. of Study Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.																																8							
Living things and their habitats	Year 4 3 P. of Study Recognise that environments can change and that this can sometimes pose dangers to living things.																			1																				
Animals including humans	Year 4 1 P. of Study Describe the simple functions of the basic parts of the digestive system in humans.																			1																				
Animals including humans	Year 4 1 P. of Study Identify the different types of teeth in humans and their simple functions.																			1																				
Animals including humans	Year 4 2 P. of Study Construct and interpret a variety of food chains, identifying producers, predators and prey.																			2																				
States of matter	Year 4 2 P. of Study Compare and group materials together, according to whether they are solids, liquids or gases.																				2																			
States of matter	Year 4 3 P. of Study Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).																																3							

Science	Coverage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Properties and changes of materials	Year 5 2 P.of Study Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Properties and changes of materials	Year 5 5 P.of Study Demonstrate that dissolving, mixing and changes of state are reversible changes.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Properties and changes of materials	Year 5 5 P.of Study Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Earth and space	Year 5 8 P.of Study Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Earth and space	Year 5 3 P.of Study Describe the movement of the Moon relative to the Earth.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Earth and space	Year 5 3 P.of Study Describe the Sun, Earth and Moon as approximately spherical bodies.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Earth and space	Year 5 3 P.of Study Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Forces	Year 5 1 P.of Study Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Forces	Year 5 6 P.of Study Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Forces	Year 5 5 P.of Study Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Science	Coverage	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Living things and their habitats	<p>Year 6 5 P. of Study Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Living things and their habitats	<p>Year 6 3 P. of Study Give reasons for classifying plants and animals based on specific characteristics.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Animals including humans	<p>Year 6 4 P. of Study Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Animals including humans	<p>Year 6 3 P. of Study Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Animals including humans	<p>Year 6 1 P. of Study Describe the ways in which nutrients and water are transported within animals, including humans.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Evolution and inheritance	<p>Year 6 3 P. of Study Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Evolution and inheritance	<p>Year 6 3 P. of Study Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Evolution and inheritance	<p>Year 6 4 P. of Study Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Light	<p>Year 6 1 P. of Study Recognise that light appears to travel in straight lines.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Light	<p>Year 6 2 P. of Study Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Light	<p>Year 6 2 P. of Study Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.</p>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Science	Coverage	Y1 Animal Parts	Y1 Bright Light...	Y1 Chop, Slice ...	Y1 Everyday M...	Y1 Human See...	Y1 Plant Parts	Y1 Seasonal C...	Y1 Shade and ...	Y2 Animal Sur...	Y2 Coastline	Y2 Habitats	Y2 Human Su...	Y2 Plant Surviv...	Y2 Push and P...	Y2 Remarkabl...	Y2 Uses of Ma...	Y3 Animal Nutr...	Y3 Cook Well, ...	Y3 Forces and...	Y3 Light and ...	Y3 Making It ...	Y3 Plant Nutriti...	Y3 Rocks, Reli...	Y4 Electrical ...	Y4 Food and t...	Y4 Grouping a...	Y4 Misty Mout...	Y4 Sound	Y4 States of ...	Y5 Earth and ...	Y5 Forces and...	Y5 Human Re...	Y5 Properties ...	Y5 Sow, Grow ...	Y6 Circulatory...	Y6 Electrical ...	Y6 Evolution ...	Y6 Frozen Kin...	Y6 Light Theory
Light	Year 6 1 P. of Study Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.																																	1						
Electricity	Year 6 1 P. of Study Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit.																																1							
Electricity	Year 6 1 P. of Study Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.																															1								
Electricity	Year 6 3 P. of Study Use recognised symbols when representing a simple circuit in a diagram.																																3							