

Year	LTI	Programmes of study (all include working scientifically)
Year 1	Can you leap like a frog?	Animals, including humans
Year 1	What can worms sense?	Animals, including humans
Year 1	What is camouflage for?	Animals, including humans
Year 1	What can you remember?	Working scientifically
Year 1	Why do we have two eyes?	Animals, including humans
Year 1	Can you be a superhero?	Everyday materials
Year 1	What can our hands do?	Animals, including humans
Year 1	How do you make bread?	Working scientifically
Year 1	How does it move?	Working scientifically
Year 1	Are all leaves the same?	Plants
Year 1	Do pine cones know it's raining?	Plants; Seasonal change
Year 1	How do leaves change?	Plants; Seasonal changes
Year 1	What's in a bud?	Plants
Year 1	How does it feel?	Everyday materials
Year 1	What keeps us dry?	Everyday materials
Year 2	Do all balls bounce?	Uses of everyday materials
Year 2	How do germs spread?	Animals, including humans
Year 2	Why should I exercise?	Animals, including humans
Year 2	Can you find the treasure?	Uses of everyday materials
Year 2	Why do boats float?	Uses of everyday materials
Year 2	How do plants grow in winter?	Plants
Year 2	Can you make a paper bridge?	Uses of everyday materials
Year 2	Where do worms like to live?	Living things and their habitats
Year 2	How many arms does an octopus have?	Living things and their habitats; Animals, including humans
Year 2	Will it degrade?	Living things and their habitats
Year 2	How is mud made?	Uses of everyday materials
Year 2	What shape is a bubble?	Working scientifically
Year 2	Which stuff is stickier?	Uses of everyday materials
Year 3	Is it safe to eat?	Working scientifically
Year 3	Which is the juiciest fruit?	Animals, including humans
Year 3	What is sand?	Rocks
Year 3	Why did Icarus fall from the sky?	Working scientifically
Year 3	What are sunglasses for?	Light
Year 3	Why do cat's eyes glow at night?	Light
Year 3	Why do shadows change?	Light
Year 3	Are mushrooms deadly?	Working scientifically
Year 3	How do fossils form?	Rocks
Year 3	How do worms move?	Animals, including humans
Year 3	What are our joints for?	Animals, including humans
Year 3	What do owls eat?	Animals, including humans
Year 3	Why are trees tall?	Plants

Year 4	Are all liquids runny?	States of matter
Year 4	How do smells get up your nose?	States of matter
Year 4	Is custard a liquid?	States of matter
Year 4	How far can an arrow travel?	Working scientifically
Year 4	What are catapults for?	Working scientifically
Year 4	How does toothpaste protect teeth?	Animals, including humans
Year 4	What is spit for?	Animals, including humans
Year 4	How did Vikings dye their clothes?	Working scientifically
Year 4	Can you make a circuit from play dough?	Electricity
Year 4	How do plugs work?	Electricity
Year 4	What conducts electricity?	Electricity
Year 4	Are all sea creatures the same?	Living things and their habitats
Year 4	How does pollution affect habitats?	Living things and their habitats
Year 5	How do worms reproduce?	Living things and their habitats
Year 5	Why do birds lay eggs?	Living things and their habitats
Year 5	Can we track the Sun?	Earth and space
Year 5	How does the Moon move?	Earth and space
Year 5	How do rockets lift off?	Properties and changes of materials
Year 5	How do we know the Earth is round?	Earth and space
Year 5	Why do planet have craters?	Forces
Year 5	Do we slow down as we get older?	Animals, including humans
Year 5	Why does a compass always point north?	Properties and changes of materials
Year 5	Do dock leaves cure a sting?	Working scientifically
Year 5	How many potatoes can you grow?	Living things and their habitats
Year 5	How do levers help us?	Forces
Year 5	What do pulleys do?	Forces
Year 5	Why are zip-wires so fast?	Forces
Year 6	Is green really green?	Working scientifically
Year 6	Can we slow cooling down?	Evolution and inheritance
Year 6	How do animals stay warm?	Evolution and inheritance
Year 6	How does inheritance work?	Evolution and inheritance
Year 6	Why are things classified?	Living things and their habitats
Year 6	Can fruit light a bulb?	Electricity
Year 6	How have eyes evolved?	Evolution and inheritance/Light
Year 6	How many worms are underground?	Living things and their habitats

Year 6	Where do wild plants grow best?	Living things and their habitats; Evolution and inheritance
Year 6	Why do birds have different beaks?	Evolution and inheritance
Year 6	Why is holly prickly?	Evolution and inheritance
Year 6	How can we make red?	Working scientifically
Year 6	What colour is a shadow?	Light

Investigation type	Teaching order
Simple test	1
Simple test	1
Grouping and classifying	1
Simple test	2
Simple test	2
Grouping and classifying	3
Simple test	3
Observing over time	4
Simple test/Grouping and classifying	4
Grouping and classifying	5
Pattern seeking/Observing over time	5
Observing over time/Grouping and classifying	5
Grouping and classifying/Simple test	5
Grouping and classifying/Observing over time	6
Simple test	6
Simple test/Pattern seeking	1
Simple test/Grouping and classifying	1
Simple test/Observing over time	1
Observing over time	2
Simple test/Pattern seeking	2
Observing over time	3
Simple test	4
Simple test/Observing over time	4
Pattern seeking/Grouping and classifying	5
Simple test/Observing over time	5
Simple test	6
Simple test/Pattern seeking	6
Simple test/Grouping and classifying	6
Comparative or fair test/Observing over time	1
Comparative or fair test/Observing over time	1
Comparative or fair test/Grouping and classifying	2
Comparative or fair test/Observing over time	3
Comparative or fair test	4
Comparative or fair test/Grouping and classifying	4
Comparative or fair test/ Pattern seeking	4
Comparative or fair test/Grouping and classifying	5
Observing over time	6
Comparative or fair test	6
Comparative or fair test	6
Grouping and classifying	6
Comparative or fair test/Pattern seeking	6

Comparative or fair test/Grouping and classifying	1
Pattern seeking	1
Grouping and classifying	1
Comparative or fair test	2
Comparative or fair test/Pattern seeking	2
Comparative or fair test	3
Comparative or fair test	3
Grouping and classifying	4
Grouping and classifying	5
Grouping and classifying	5
Grouping and classifying	5
Grouping and classifying/Research	6
Comparative or fair test/Observing over time	6
Research/Observing over time	1
Grouping and classifying	1
Observing over time	2
Pattern seeking	2
Comparative or fair test/Pattern seeking	2
Comparative or fair test/Research	2
Comparative or fair test/ Pattern seeking	2
Comparative or fair test/Pattern seeking	3
Comparative or fair test	4
Comparative or fair test/Grouping and classifying	5
Observing over time	5
Comparative or fair test	6
Comparative or fair test	6
Comparative or fair test/Grouping and classifying	6
Comparative or fair test	1
Comparative or fair test/Observing over time	2
Comparative or fair test	2
Pattern seeking	3
Grouping and classifying	3
Comparative or fair test/Pattern seeking	4
Research/Observing over time	5
Grouping and classifying	5

Pattern seeking/Grouping and classifying	5
Comparative or fair test	5
Comparative or fair test/Pattern seeking	5
Grouping and classifying/Research	6
Pattern seeking	6

Related ILP 2018 -19	Category
Paws, Claws and Whiskers	Biology
Paws, Claws and Whiskers	Biology
Paws, Claws and Whiskers	Biology
Memory Box	Biology
Memory Box	Biology
Superheroes	Chemistry
Superheroes	Biology
Bright Lights, Big City	Chemistry
Bright Lights, Big City	Physics
The Enchanted Woodland	Biology
The Enchanted Woodland	Biology
The Enchanted Woodland	Biology
The Enchanted Woodland	Biology
Moon Zoom!	Chemistry
Moon Zoom!	Chemistry
Bounce	Chemistry
Bounce	Biology
Bounce	Biology
Land Ahoy!	Chemistry
Land Ahoy!	Chemistry
Street Detectives	Biology
Towers, Tunnels and Turrets	Chemistry
Towers, Tunnels and Turrets	Biology
Beachcombers	Biology
Beachcombers	Biology
Muck, Mess and Mixtures	Chemistry
Muck, Mess and Mixtures	Chemistry
Muck, Mess and Mixtures	Chemistry
Scrumdiddlyumptious!	Biology
Scrumdiddlyumptious!	Biology
Tremors	Chemistry
Gods and Mortals	Chemistry
Urban Pioneers	Physics
Urban Pioneers	Physics
Urban Pioneers	Physics
Heroes and Villains	Biology
Predator!	Chemistry
Predator!	Biology
Predator!	Biology
Predator!	Biology
Predator!	Biology

Potions	Chemistry
Potions	Chemistry
Potions	Chemistry
1066	Physics
1066	Physics
Burps, Bottoms and Bile	Chemistry
Burps, Bottoms and Bile	Biology
Traders and Raiders	Biology
Road Trip USA!	Physics
Road Trip USA!	Physics
Road Trip USA!	Physics
Blue Abyss	Biology
Blue Abyss	Biology
Beast Creator	Biology
Beast Creator	Biology
Stargazers	Physics
Stargazers	Physics
Stargazers	Chemistry
Stargazers	Physics
Stargazers	Physics
Time Traveller	Biology
Off with Her Head!	Physics
Allotment	Chemistry
Allotment	Biology
Scream Machine	Physics
Scream Machine	Physics
Scream Machine	Physics
Gallery Rebels	Chemistry
Frozen Kingdom	Chemistry
Frozen Kingdom	Biology
ID	Biology
ID	Biology
Revolution	Physics
Darwin's Delights	Biology
Darwin's Delights	Biology

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Darwin's Delights	Biology
Hola Mexico!	Chemistry
Hola Mexico!	Physics