



WORLINGHAM CEVC PRIMARY SCHOOL

END OF UNIT OUTCOMES IN SCIENCE – SPRING YEAR A



	TERM	YEAR 3	YEAR 4	YEAR 5	YEAR 6
YEAR A	Spring 1	<p>Forces and magnets</p> <ul style="list-style-type: none"> I can compare how things move on different surfaces. I notice that some forces need contact between two objects, but magnetic forces can act at a distance. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can carry out a simple fair test and a comparative test I can begin to decide how to record data <p>I can begin to make decisions on how to answer a question.</p>	<p>Forces and magnets</p> <ul style="list-style-type: none"> I can compare how things move on different surfaces, using 'friction' to explain. I notice that some forces need contact between two objects, but magnetic forces can act at a distance. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can carry out a simple fair test and a comparative test I can begin to decide how to record data <p>I can decide how to gather evidence to answer a question.</p>	<p>Evolution and inheritance</p> <p>I can</p> <ul style="list-style-type: none"> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can carry out fair tests, recognising and controlling variables I can look for patterns and relationships in data samples I can answer questions based on measurements and data. <p>I can record data of increasing complexity.</p>	<p>Evolution and inheritance</p> <p>I can</p> <ul style="list-style-type: none"> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can carry out fair tests, recognising and controlling variables I can actively look for patterns and relationships in data samples I can point out results that don't fit the overall pattern. <p>I can talk about how my experiment has shaped/changed my scientific understanding.</p>
	Spring 2	<p>Forces and magnets</p> <ul style="list-style-type: none"> I can observe how magnets attract or repel each other and attract some materials and not others. I can 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. I can describe magnets as having two poles. I can predict whether two magnets will attract or repel each other, depending on which poles are facing. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can make increasingly careful observations. I can report on my findings from enquiries in oral and written forms, with some guidance. I can answer questions posed by my teacher. 	<p>Forces and magnets</p> <ul style="list-style-type: none"> I can observe how magnets attract or repel each other and attract some materials and not others. I can 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. I can describe magnets as having two poles. I can predict whether two magnets will attract or repel each other, depending on which poles are facing. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can make careful and systematic observations. I can report on my findings from enquiries in oral and written forms. I can answer questions posed by my teacher 	<p>Evolution and inheritance</p> <p>I can</p> <ul style="list-style-type: none"> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can identify when questions require a secondary source as they cannot be answered through practical enquiry. I can identify limitations of my experiments. I can describe and evaluate my scientific ideas using evidence from a range of sources. 	<p>Evolution and inheritance</p> <p>I can</p> <ul style="list-style-type: none"> Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. <p>Working Scientifically:</p> <ul style="list-style-type: none"> I can use a variety of secondary sources I can identify limitations that reduce my trust in evidence. <p>I can evaluate my choices of method and the accuracy of experiments.</p>

Belonging, Courage, Curiosity, Kindness, Perseverance, Respect

Growing Minds, Kind Hearts, Rooted in Love

'Rooted and Grounded in Love' (Ephesians 3:16)