

## Year 8 and 9 Curriculum

Year 2	Autumn Term	Spring – Term	Summer Term			
<b>Topics:</b>  	<b>Right on our doorstep</b>  Our focus for this topic will be are we making the most of the things that are available to us both within school and in the local community. This will include looking at the people and services that can help us.  <b>Inspiration Day</b> Discovery centre Braintree – team building	<b>Fairground</b>  Our focus for this term will be design technology and science. We will be looking fairgrounds of the past and future, including steam powered rides. We will be looking at why today’s rides are faster and higher and the use of virtual reality.  <b>Inspiration Day</b> Teachers to set up fairground stalls in the hall for children to experience in preparation for to run their own with parents invited at the end of the Spring term (money for charity).	<b>Why do some creatures no longer exist?</b>  Our focus for this term will be looking at the causes of extinction and what we are doing to avoid this happening today. We will also be looking at the methods used to find out about past creatures and their habitats.  <b>Inspiration Day</b> To visit a local beach and hunt for fossils			
	<b>ICT</b> Using the internet to research clubs and services in the community and produce reports on findings.  <b>Art</b> Sketching of local beauty spots.  <b>Science</b> -Looking at animals in the local environment	<b>ICT</b> Design posters to advertise the amenities in local community.  <b>Art</b> Design and make 3D model of favourite area of the school grounds.  <b>Science:</b> -Looking at the different growing conditions required by a variety of plants	<b>ICT</b> Using the internet for research, designing posters and flyers.  <b>Art</b> Design and make a Shaky Hand Tester.  <b>Science</b> -Looking at electrical circuits, forces, light and sound.	<b>ICT</b> Pupils will have a go at using control programmes e.g. Beebots or Education city games.  <b>Art</b> Design and make a fairground ride using various materials.  <b>Science</b> -Looking at electrical circuits, forces, light and sound.	<b>ICT</b> Internet research, using digital microscopes, and digital magnifying glasses.  <b>Art</b> -Using various materials to create a new creature or imaginary animal. Make your own fossils.  <b>Science</b> -Looking at the evolution of animals and how they have adapted over time e.g. eating habits, and habitats. Looking at	<b>ICT</b> Create a digital dinosaur using an excel spreadsheet.  <b>Art</b> Sketching and paintings of dinosaur in various modern locations  <b>Science</b> Looking at the subject of inheritance for both animals and humans.

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	<p><b>RE day</b> -We will be looking at the beliefs and practices related to Judaism.</p>	<p>and conducting soil samples. .</p> <p><b>RE Day</b> -We will be looking at how Christians celebrate Christmas and why.</p>	<p><b>RE Day</b> -Sikhism, we focus on The Amrit Ceremony and the Khalsa.</p>	<p><b>RE Day</b> -Christianity, Easter and what it means to Christians.</p>	<p>the subject of inheritance for both animals and humans.</p> <p><b>RE Day</b> -Hindu beliefs- Is Brahman in everything. Looking at Hindu Gods.</p>	<p><b>RE Day</b> Hinduism – looking at the significance of the River Ganges to both Hindus and non-Hindus.</p>
<p><b>Literacy:</b></p>	<p><b>Fiction: Stories from other Cultures</b></p> <p><b>Texts: Ali’s Story – Andy Glynn</b></p>	<p><b>Non Fiction:</b> Journalistic Writing</p> <p><b>Texts:</b> Use of a range of different newspaper reports , magazine articles, Radio / TV adverts</p>	<p><b>Fiction:</b> Settings</p> <p>Link to the 5 senses: Hear, smell, taste, touch, see stimulus: The greatest showman film</p>	<p><b>Non-fiction:</b> Persuasive Text</p> <p><b>Texts:</b> Letter writing, email</p> <p><a href="#">Leaflets from local attractions</a></p>	<p><b>Fiction:</b> Fantasy</p> <p><b>Texts:</b> Jurassic park Little Golden book – Arie Kaplan Jurassic Park - Michael Crichton</p>	<p><b>Non-fiction:</b> Chronological Report (Recounts)</p> <p><b>Texts: Dinosaur books from the library</b></p>

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<p><b>Maths:</b></p>	<p><b>Strands:</b>            Number: (counting, place value, representing number, number facts)            Measurement: Time            Number: Addition and Subtraction            Shape: Properties of Shape            Statistics</p> <p>Pupils will complete a survey of local services. They will use their money skills to compare the cost of various attractions.</p>	<p><b>Strands:</b>            Shape: Position and Direction            Number: Multiplication and Division            Measures: Weight / Capacity            Statistics            Number: Fractions            Measures: Length</p> <p>Pupils will use their maths skills to measure and plan their design for their 3D model. They can create nets and plot measurements onto their floorplan.</p>	<p><b>Strands:</b>            Number: (counting, place value, representing number, number facts)            Measurement: Time            Number: Addition and Subtraction            Shape: Properties of Shape            Statistics</p> <p>Pupils will run their own fairground stalls and use their money skills. Pupils will use measuring skills to read scales focussing on speed and time.</p>	<p>Statistics            Number: Fractions            Measures: Length            Shape: Position and Direction            Number: Multiplication and Division            Measures: Weight / Capacity</p> <p>Pupils will use their knowledge of shapes to design and build a model fairground rides. They will create repeating patterns. They will research compare prices for local fairgrounds</p>	<p><b>Strands:</b>            Number: (counting, place value, representing number, number facts)            Measurement: Time            Number: Addition and Subtraction            Shape: Properties of Shape            Statistics</p> <p>Pupils will use their measuring skills to make salt dough and use this to create their own fossils. They will sort fossils by weight or size and use them to make repeating patterns.</p>	<p><b>Strands:</b>            Shape: Position and Direction            Number: Multiplication and Division            Measures: Weight / Capacity            Statistics            Number: Fractions            Measures: Length</p> <p>Pupils will measure dinosaurs and compare them using relevant comparative language. They can excavate fossils and use coordinates to locate fossils/artefact sites. They will use their positional language.</p>
<p><b>Life Skills:</b></p>	<p><b>Socialising in the community</b>            We will be focusing on how to behave when out in the community. The students will practice their skills by visiting local shops and eating out.</p>	<p><b>Nutrition and preparing a range of meals.</b>            The students will be looking at the nutritional values of foods. They will have the opportunity to prepare a range of meals using the eat well plate formula.</p>	<p><b>Fundraising for the local community.</b>            Our focus for this will be discuss, plan, prepare and present an event or item that will be used to raise funds for the community. We will also look at how other charities work.</p>	<p><b>Positive use of technology &amp; E-safety</b>            Look at the use of technology in the home, community and at school and compare past and present. Focus on the positive use of social media and the use of personal information.</p>	<p><b>Sex Ed and Relationships</b>            Focusing on stages of development and how our bodies change at each stage. Discussing the reproduction process according to age and ability. Looking at relationships and how they develop.</p>	<p><b>Basic First Aid</b>            Focusing on CPR and how to make sure you keep yourself safe when trying to help others. We will also be looking at how accidents happen around the home and the best form of treatment for burns, scolds, and bleeding.</p>
<p><b>Swimming:</b></p>	<p>Distance progression            Awards            -Drill work for stamina</p>	<p>National swim 1-10</p>	<p>National swim 1-10            Depending on ability            -Stroke technique</p>	<p>National swim 1-10            Depending on ability            -Stroke technique</p>	<p>National swim 1-10            Depending on ability            -Stroke technique</p>	<p>Distance progression            Awards</p>

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	<ul style="list-style-type: none"> <li>-Front crawl distance</li> <li>-Backstroke distance</li> <li>-Breaststroke</li> <li>-Butterfly</li> <li>-lifesaving leg kick</li> <li>-Rescue kick</li> </ul>	<ul style="list-style-type: none"> <li>Depending on ability</li> <li>-Stroke technique</li> <li>-underwater</li> <li>-breathing</li> <li>-co ordination</li> <li>-starts and turns</li> <li>Progression swimming skills develop safety and underwater confidence.</li> <li>or</li> <li>Preliminary safety award</li> <li>-swivel entry</li> <li>-jump in</li> <li>-tread-water</li> <li>-swim head up</li> <li>-rotation swimming</li> <li>-submerging</li> </ul>	<ul style="list-style-type: none"> <li>-underwater</li> <li>-breathing</li> <li>-co ordination</li> <li>Progression swimming skills develop safety and underwater confidence.</li> <li>or</li> <li>Personal survival Level 1</li> <li>-safe entry</li> <li>-timed treading water</li> <li>-swim 25m to a floating object</li> <li>-help position</li> <li>-50m swim with a floating object</li> <li>-climb out unaided</li> </ul>	<ul style="list-style-type: none"> <li>-underwater</li> <li>-breathing</li> <li>-co ordination</li> <li>Progression swimming skills develop safety and underwater confidence.</li> <li>or</li> <li>Personal survival Level 2</li> <li>-enter the water</li> <li>-tread water 2min +</li> <li>-hold help position for 6min</li> <li>-huddle position working in a team</li> </ul>	<ul style="list-style-type: none"> <li>-underwater</li> <li>-breathing</li> <li>-co ordination</li> <li>Progression swimming skills develop safety and underwater confidence.</li> <li>or</li> <li>Rookie</li> <li>Bronze</li> <li>-deep jump</li> <li>-swim for 25m</li> <li>- help position recap</li> <li>-front crawl leg kick</li> <li>head up drills with kick board</li> </ul>	<ul style="list-style-type: none"> <li>-Drill work for stamina</li> <li>-Frontcrawl distance</li> <li>-Backstroke distance</li> <li>-Breaststroke</li> <li>-Butterfly</li> <li>-lifesaving leg kick</li> <li>-Rescue kick</li> <li>Or</li> <li>Depending on ability</li> <li>Rookie</li> <li>Sliver</li> <li>-throwing rescue aids</li> <li>-reach tow to casualty 2m away</li> <li>-wade rescue</li> <li>-help casualty out the water</li> <li>-enter deep water confidently</li> <li>-drowning prevention activities</li> </ul>
<b>Home Opportunities:</b>	<p>Literacy – Look at What’s On section of local newspapers. Collect leaflets and brochures from places visited.</p> <p>Maths- Practice telling the time and use a timer to see how long an activity lasts e.g., shower.</p> <p>Attend an event in their local area and report back.</p> <p>Research local events using ICT</p> <p>Draw a plan of own garden showing different areas.</p>		<p>Visit local attractions, take photos and make a scrap book with your child.</p> <p>Make a picnic for a day out using measuring and cooking skills.</p> <p>Read leaflets and posters about local attractions and discuss opinions.</p>		<p>Literacy – Look at leaflets for recycling. Collect junk mail that comes into your house and make a list to show where it has come from.</p> <p>Maths- Look at different ways for paying for things and find information about savings accounts.</p> <p>Organise recycling in your house.</p> <p>Look at packaging in the supermarket to find out if it is recyclable.</p> <p>Find out about recycling places in local area.</p>	
<b>Out and about:</b>	<p>Visit Abbots Hall Farm to look at growing conditions for plants and foods. (Free)</p> <p>Trips to local town centres and libraries (Wick ford and Basildon.</p> <p>Trips to local parks</p> <p>Trips to local museums.</p> <p>Eating out (£6)</p>		<p>Sandford Mill for lesson on forces.</p> <p>Visit to Adventure Island</p> <p>Possible visit to Steam museum at Ramsgate or Barleylands.</p>		<p>Possible visit to Paradise Wildlife Park to look at dinosaur world</p> <p>Visit Natural History museum.</p>	

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<b>Themed Days:</b>	ASC week World Food Day Child Poverty Day Remembrance Day Recycle Awareness Week Children in Need Road Safety week	Shrove Tuesday Chinese New Year World Health Day	National Volunteer Week Sports Day Child Safety
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