

**HOLY TRINITY CATHOLIC ACADEMY
ECO SCHOOL CURRICULUM LINKS**

ECO SCHOOL TEN TOPICS

BIO-DIVERSITY is extensively covered within our Eco/Forest School curriculum through the creation of many different homes and habitats for wildlife in our school grounds – in trees, shrubs, flowers and vegetables, the wild flower meadow which is only mowed when required, bug hotels, log piles, a small pond, hedgehog home, bird and bat boxes and a bird feeding station.

Further links to the main curriculum are identified below:

BIO DIVERSITY 'Caring for all plants, animals and insects'	PENTECOST TERM: SCIENCE PLANTS AND ANIMALS FOCUS			
	LINKS TO EYFS CURRICULUM	LINKS TO KSI CURRICULUM	LINKS TO LKS2 CURRICULUM	LINKS TO UKS2 CURRICULUM
	Knowledge & Understanding of the World: Science Farm animals, zoo animals, endangered animals Zoo/Farm visit The Seaside Worms Advent and Lent Terms: Big School Garden watch, learn about chicks and how they hatch, make a bird feeder, apple feeder learn about chicks, hedgehogs, squirrels, owls linked to topics and books of the week Weekly Forest School sessions	SCIENCE Year A 'Where do woodlice like to live?' 'Who am I?' 'Where does our food grow?' SCIENCE Year B 'What does a plant need to grow?' LINK TO SCHOOL GROUNDS	SCIENCE Year A 'Can all animals live in mountains?' 'Do food chains affect habitats?' SCIENCE Year B 'What plants grow in our locality?' LINK TO SCHOOL GROUNDS	SCIENCE Year A 'Life Cycles: 'What is the best environment for a range of minibeasts?' SCIENCE Year B Micro-Organisms Classification LINK TO SCHOOL GROUNDS

ENERGY

The **'Energy'** aspect of the Eco Curriculum is undertaken on a regular basis. The Eco Team carry out weekly checks to ensure that lights are switched off and other power sources are switched off when not required. This is carried out in all year groups, and feedback given by the Eco Team reps at fortnightly assemblies.

Further links to the main curriculum are identified below: A stand alone **whole school Eco day is also planned in Year B** with this theme.

ENERGY 'Reducing energy and investigating greener energy sources'	LINKS TO EYFS CURRICULUM	LINKS TO KSI CURRICULUM	LINKS TO LKS2 CURRICULUM	LINKS TO UKS2 CURRICULUM
				RE Topic Pentecost Term Year B: 'Energy'

GLOBAL CITIZENSHIP

The **'Global Citizenship'** aspect is covered in all year groups throughout the academic year, linking in with our annual Multi Cultural Education week in the Advent Term, Other Faith work in RE, links to Fair Trade fortnight and annual fundraising and learning more about Cafod in the Lent Term; and in the Pentecost Term links with the RE Stewardship Topics and the universal church. Links are also made during whole school Eco Days which occur three times a year and retreat day sessions. Links are also made within the Word of the Week films which are pertinent to Pope Francis' 'Laudato Si' challenge to all people to look after our Common Home. In 2019, we also achieved Cafod's 'Live Simply Award', where we demonstrated how as a school as 'live simply, sustainably and in solidarity with the poor.'

Further links to the main curriculum are identified below:

GLOBAL CITIZENSHIP 'Working with others on local and global issues'	GLOBAL CITIZENSHIP			
	LINKS TO EYFS CURRICULUM	LINKS TO KSI CURRICULUM	LINKS TO LKS2 CURRICULUM	LINKS TO UKS2 CURRICULUM
		PENTECOST TERM: English – Stories from Other Cultures Geography Year A: Newark v contrasting town in Africa, Cafod link	PENTECOST TERM: English – Stories from another culture unit of work.	

HEALTHY LIVING

Healthy Living is extensively covered in the school curriculum in all year groups and through an annual Healthy Week. Links are made with the Science, Computing (E-Safety aspect), PE, PSHE and RSHE curriculums (see separate RSHE and PSHE curriculum for full details). The 'Take 5 Breathing Intervention programme' takes place twice a day in all year groups; Safe Internet Day in February, Sports Days, PE and Sports Tournaments, Anti-Bullying Week activities and work on British Values.

Further links to the main curriculum are identified below:

HEALTHY LIVING 'Improving mental and physical well being'	HEALTHY LIVING			
	LINKS TO EYFS CURRICULUM	LINKS TO KSI CURRICULUM	LINKS TO LKS2 CURRICULUM	LINKS TO UKS2 CURRICULUM
	Lent Term Topic: Growing/Being Healthy Make Fruit kebabs, Make fruit Smoothies Learn how babies and children grow Use produce grown in the school grounds for baking	SCIENCE Year B Pentecost Term: 'Does exercise give you more energy?' DT Pentecost Term Year A: Design and make a healthy fruit salad; Year B: Design and make a healthy medieval banquet	DT Year B Pentecost Term: Design and make a healthy dish using home grown produce SCIENCE Year A Pentecost Term: 'What is the best drink to maintain healthy teeth and gums?'	SCIENCE Year A: 'How do humans change as they grow up?' SCIENCE Year B: Health, Circulatory System 'What impact does exercise have on our bodies?' DT: Design and make a Healthy Meal for an athlete

The 'Litter' aspect of the Eco Curriculum is covered in a stand alone **whole school Eco Day in Year A** linking in the 'Marine' aspect. Children discover how litter has an adverse impact on marine life. This takes place across all year groups.

LITTER 'reducing litter in your local area'	LINKS TO EYFS CURRICULUM				LINKS TO KSI CURRICULUM				LINKS TO LKS2 CURRICULUM				LINKS TO UKS2 CURRICULUM			
	Litter to be a focus for whole school enrichment Eco Days: visit www.herefordshire.gov.uk															

MARINE

The 'Marine' aspect of the Eco Curriculum is covered as linked with the 'litter' theme above, and is a focus for a **whole school Eco Day in Year A**: www.wwf.org.uk (Co-incides with Wear it Wild Day) Children discover how litter has an adverse impact on marine life. This takes place across all year groups.

Further links to the main curriculum are identified below:

MARINE 'Protecting rivers, canals, lakes and oceans'	LINKS TO EYFS CURRICULUM				LINKS TO KSI CURRICULUM				LINKS TO LKS2 CURRICULUM				LINKS TO UKS2 CURRICULUM			
									Geography Topics: Rivers, and Coasts Science Topic: The Water Cycle				GEOG Year B Advent Term Amazon River and Rainforest Lent Term: Natural resources, minerals, rocks and energy 'What is the most environmentally friendly energy source?' LINK to ENERGY and WATER			

SCHOOL GROUNDS

The 'School Grounds' aspect is covered extensively throughout all classes within the Forest School curriculum (see planning overviews for further detail). Links are also made with the 'Bio Diversity' aspect as outlined previously. **Also refer to the 'Waste' section which details further links to the school grounds aspect.**

Further links to the main curriculum are identified below:

SCHOOL GROUNDS 'enhancing where you work and play'	LINKS TO EYFS CURRICULUM				LINKS TO KSI CURRICULUM				LINKS TO LKS2 CURRICULUM				LINKS TO UKS2 CURRICULUM			
	Take part in the Big School Garden watch Make an Easter Garden in the school grounds Natural Art in Ecoland Bird feeder, Apple feeders etc Use produce grown in the school grounds for baking LINK to HEALTHY LIVING				ART Advent Term Year B: School Grounds Art inspired by the School Garden				ART Pentecost Term Year B: School Grounds Art inspired by the School Garden				ART Pentecost Term Year A: School Grounds Art inspired by the School Garden/EcoLand – Natural Sculptures ART Advent Term Year B: Digital Art inspired by the School Grounds			

The **'Transport'** focus is covered during a **whole school Eco Day in Year A** looking at more environmentally friendly ways to travel.

This coincides with children being encouraged to walk to school where possible. Children on the Eco Team have written to parents and made posters to discourage parents allowing their engines to 'idle' whilst on the school run.

Further links to the main curriculum are identified below:

TRANSPORT 'Finding more environmentally friendly ways to travel'	LINKS TO EYFS CURRICULUM	LINKS TO KSI CURRICULUM	LINKS TO LKS2 CURRICULUM	LINKS TO UKS2 CURRICULUM
				HISTORY Pentecost Term Year A: The History of Transport – Flight, linked to English Non-Fiction Unit, and DT unit

WASTE

For the **'Waste'** aspect, all year groups have access to the school's Scrap Shed Play Equipment at break times and lunchtimes for imaginative and creative play. A stand alone Eco Day is planned in Year B under this theme.

Classroom bins: Each classroom / area in school has two bins which are labelled: Paper – paper and card; Other – plastics, pencil sharpenings, food waste. This supports the school site team in determining which external bin to deposit the waste.

Clothing / Textiles: Unwanted clothing and textile products can be placed in the School Clothing Bank, linked to the charity National Police Aid Convoys.

Milk Cartons: Empty milk cartons are recycled in the Tetra recycling bank

School Uniform Pop Up Shop: Donations of nearly new school uniform are sold at the school Pop Up Shop. These are run after school/FHT school fairs by the Eco Team. The money raised pays for the Tetra Bank service and any surplus used to enhance the school environment.

Composting: Fruit waste from the Free School Fruit scheme is collected in EYFS and is composted and used in the School Garden.

School Kitchen: The school kitchen team try to avoid single use plastics wherever possible. Any fish on the menu comes from a traceable source.

Water Harvesting: Water butts are in use in the school garden/Eco Land area. These are used to harvest the water than falls as rain from the wooden structures in the school grounds. The rain water is used to water the plants and vegetables in the school garden.

Further links to the main curriculum are identified below:

WASTE 'Refuse, reduce, reuse, repair, recycle'	LINKS TO EYFS CURRICULUM	LINKS TO KSI CURRICULUM	LINKS TO KS2 CURRICULUM
	Art activities, junk modelling	DT Lent Term Year A: Design & Make a Great Fire of London House DT Advent Team Year B: Which material is best to make a slide?/Design & make a playground	Waste to be a focus for whole school enrichment Eco Day across EYFS, KSI and KS2

For the 'Water' aspect, a stand alone **whole school Eco Day is planned in Year B**. 'Walk for Water' Cafod initiative is also covered by the whole school linking in with this theme. Water butts are in use in the school garden/Eco Land area. These are used to harvest the water than falls as rain from the wooden structures in the school grounds. The rain water is used to water the plants and vegetables in the school garden.

Further links to the main curriculum are identified below:

WATER 'Protecting an important natural resource'	ALL YEAR GROUPS: Cafod Fundraising Awareness			
	LINKS TO EYFS CURRICULUM	LINKS TO KSI CURRICULUM	LINKS TO LKS2 CURRICULUM	LINKS TO UKS2 CURRICULUM
			SCIENCE Lent Term Year A: States of Matter, the Water Cycle	GEOG Year B Advent Term Amazon River and Rainforest Lent Term: Natural resources, minerals, rocks and energy 'What is the most environmentally friendly energy source?' LINK to ENERGY and MARINE