

DORSET COP





WELCOME

Laura Baldwin & Olivia Bowditch
(Gryphon School – Sherborne)



KEYNOTE

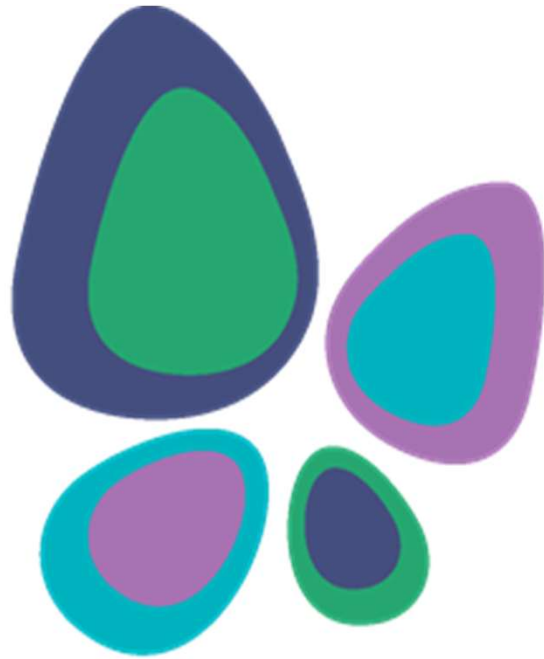
Alex More
Shaftesbury School





Youth Activism

Damers School
Dorchester



Damers
FIRST SCHOOL



Seven Principles of Harmony:






1. Geometry
2. Interdependence
3. Cycle
4. Diversity
5. Health
6. Beauty
7. Oneness



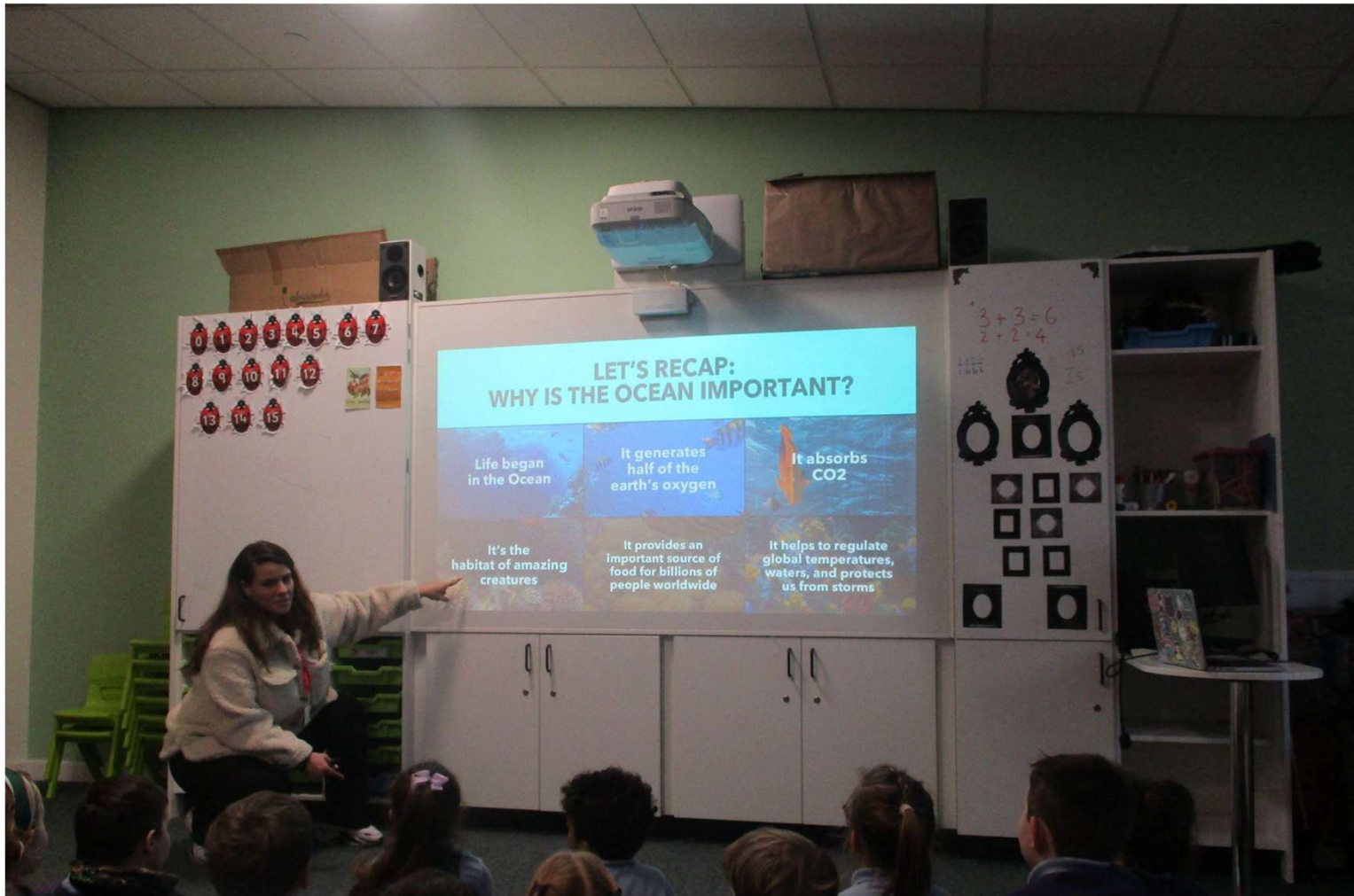
Enquiries of Learning

- Planning our learning brings together **different subject skills, knowledge** and apply them throughout enquiry based projects.
- An enquiry based approach to learning develops the ability to **ask questions, to research and generate useful knowledge**, and to explore ways of answering the questions raised.
- If we are to create a **healthier, more sustainable future**, we have to **question and challenge** what we currently do and look for ways to improve it.
- We want learning to **impact on our pupils' thinking and actions** to enable them to focus on issues at a **school, community or global level**.

Year 1	SEQUENCE OF LEARNING					
Spring Term 1 2023	Enquiry Question: How can we make sure our oceans stay amazing? <i>Does our question give the children a real sense of what they will be exploring and finding out about? It should engage them in thinking about the ways in which they might answer it or go about finding answers. Consider the best order for your enquiries and it fits the time of the year. Think about the location and cultural context of our school. Does it coincide with particular events or festivals and is relevant to our community?</i>					
	Harmony Principle: Interdependence <i>Does this principle existing in nature integrate into our learning and help develop an understanding of how the world works?</i>					
	Great Work: Ocean sustainability exhibition <i>A purposeful outcome of the learning and a celebration of what has been learnt. Generate a sense of excitement, achievement, pride.</i>					
	Partners in Learning: Ocean Generation <i>Who can enrich and add value to an enquiry?</i>					
	Sustainability theme: Marine and Coast <i>What can we learn from this principle of harmony that helps us to live more sustainably? This is ultimately the learning goal of a harmony curriculum.</i>					
	Weekly Questions <i>A series of questions that take the children on a journey towards a meaningful outcome.</i>					
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
	Where can the oceans take us?	How are a snail and a whale different?	Are all whales the same?	What makes our oceans special?	Why do oceans need to be protected?	What can we do to protect our oceans?
Literacy texts	The Snail and the Whale by Julia Donaldson <i>Writing to entertain and inform the reader</i>			The whale who ate plastic <i>Information text</i>		
Geometry Outdoor learning -	Can I create a painting in the style of Hokusai's Great Wave?	Where can we find spirals under the sea?		What's special about starfish?	Do feathers have patterns?	Why do cephalopods change colour?

						
		Can I make a spiral with straight sticks?		Are windows all the same shape? (sketching)	Can we create art with no resources?	
Science	What is a living thing?	What is the difference between a vertebrate and an invertebrate?	Which animals are invertebrates?	Which animal families are vertebrates?	What are the differences between mammals and birds?	What types of food do living things eat?
Geography						
	Can I name and locate the continents?	Can I name and locate the oceans of the world?	Can I identify coastal features?	How does wildlife vary in different oceans?	Why do oceans need to be protected?	What can we do to protect our oceans?
Maths focus	Numbers to 20		Addition and subtraction within 20		Numbers to 40	
ICT	Beebot Treasure map coding	Beebot Treasure map coding	New curriculum TBC	New curriculum TBC	New curriculum TBC	
Dance	Building up a sequence of moves using the text "The Snail and the Whale" as a stimulus					
Art	Under the sea - Texture - weaving		Under the sea - Texture - collage		Under the sea - Texture - plastic collage	
RE					Was it always easy for Jesus to show friendship?	

Ocean Generation



LO To write a persuasive letter.

Dear Imogen Davenport

My name is Freya I am a pupil at Dames First School. I really feel that Dorset should have a wonder of the world. There are lots of places in Dorset such as Kimmeridge, Durdle Door and Old Harry Rocks. But we need to keep these amazing places clean or they'll all be flooded with litter. I was thinking Kimmeridge should be a wonder because of its wildlife and fossils. I hope you'll agree with me that Dorset should have wonders of the world.

yours sincerely Freya

Her
dove!

LO To write a persuasive letter.

Dear Imogen Davenport.

My name is Oliver and i'm a pupil at Dames First School. I am writing to you about the Dorset coast to see could have a Dorset natural wonder.

I suggest Lulworth cove as a Dorset natural wonder because of its lovely horseshoe shaped bay and beautiful water.

I feel that it's our responsibility to look after Dorset. For example litter is spreading all over Dorset and the world.

I feel that Lulworth cove should be a Dorset natural wonder because of its lovely beach, glistening water and magnificent horseshoe shaped bays.

Great letter well done

Gina Marshall





POST-CHECK OUT CHECK RECEIPT ORIGINAL
TRANSACTION

Transaction	Receipt	ORDER COPY
11001	001	
Date	Issued at	
27 Dec 22	Port of Spain	
Card number	Card type	Card validity
XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
Merchant Name	Merchant	
X2947	77361	POS Merchant
XXXXXXXXXXXX	XXXXXXXXXX	
Merchant	Merchant	
XXXXXXXXXX	XXXXXXXXXX	

Family Pledge
We will each pick up a
piece of litter when we
visit a beach in 2023!

1 year = 8 million tonnes of
plastic dumped in the oceans.

Green Sea Turtles

They are reptiles.

Green Sea turtles are the biggest turtle in the ocean. They live up to 80 years.

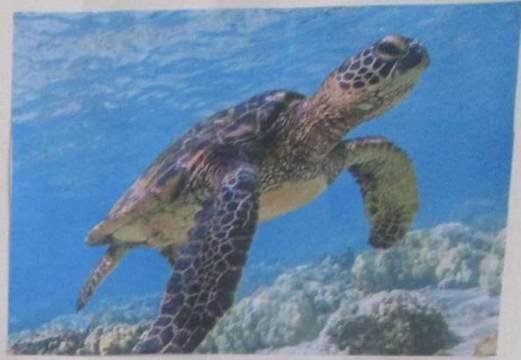
This is the life cycle of a turtle. →



They eat seaweed.



Adult green sea turtles lay the eggs in the sand on the beach.



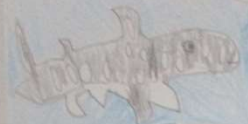
Put your rubbish in the bin so turtles do not eat it!



Green sea turtles live all over the world.

SKIPPER 1 Saves the

Oceans



70% of the surface of the ocean is covered by coral reefs.

The hood of a shark is made of cartilage.

The great white shark is the largest shark in the world.

The blue whale is the largest animal on earth.

The blue whale has a heart the size of a car.

The blue whale lives in the deep ocean.

Hydrothermal vents are found on the ocean floor.

The deep sea is a dark and cold environment.

95% of the world's fish are caught in the ocean.



Benefits



- **Passion and confidence** to speak about the changes they would like to see.
- **Belief** in what they are doing will make a real difference to society.
- **Determined** and don't take no for an answer.
- Children have been **inspired** to go out into the community to lobby businesses and council leaders on environment issues.
- Taken this **knowledge** into their homes encouraging their families to make changes too.
- **The skills they are developing are the skills they will need as adults.**

Connecting Dorchester to Poundbury by bike

We are working with Giles Watts from Dorchester Transport Action Group and Jon Thomson from Sustrans on this campaign. A bike lane and route was promised in 2017 by the Duchy and Dorset Council to join Dorchester to Poundbury but this has not happened.

We put a questionnaire together and found:

- 81% said they would use the route other than the school run.
- 72% said they would use a cycle lane to get to Poundbury



We wrote a letter to Jason Bowerman, Estate Development Manager at Duchy of Cornwall who supported our campaign.

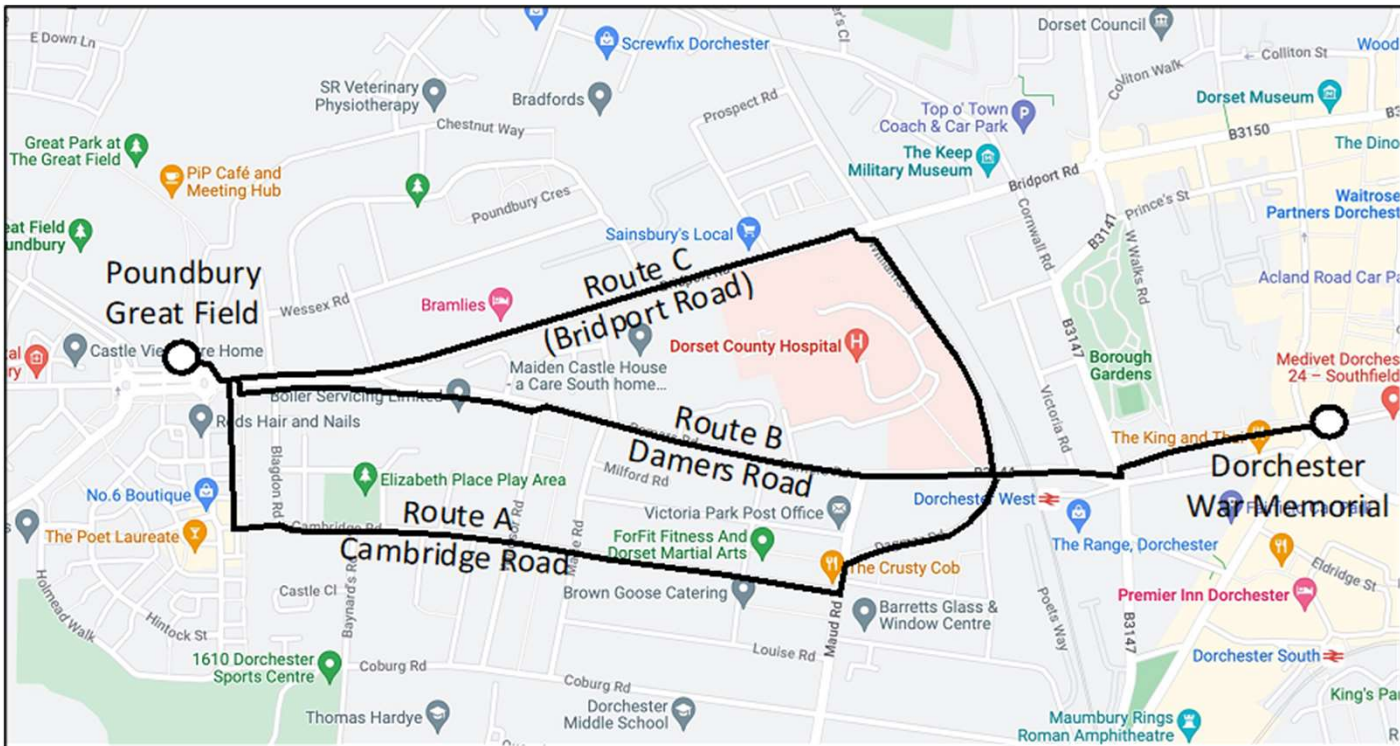
We also wrote a letters to Chris Peck, Head of Highways who at first dismissed the idea saying Poundbury and Dorchester were in a better position than most towns and cities in Dorset thanks to the environment work of our school. They were focusing on Bournemouth and Ferndown were they could make a difference.

We wrote back to Chris and eventually he agreed to a meeting to discuss the route during May Half Term.

Proposed Dorchester to Poundbury Route ideas

Each route has a few problems.

- Our favourite route is Route B as it is direct but it would mean losing some car parking space outside the fish and chip shop.
- It could take 5 - 10 years to complete depending on funding, when it becomes available.
- Dorchester War



Next step: Consultation with members of public about Phase 1



Energy Sparks is an online, school-specific energy analysis tool and energy education programme.

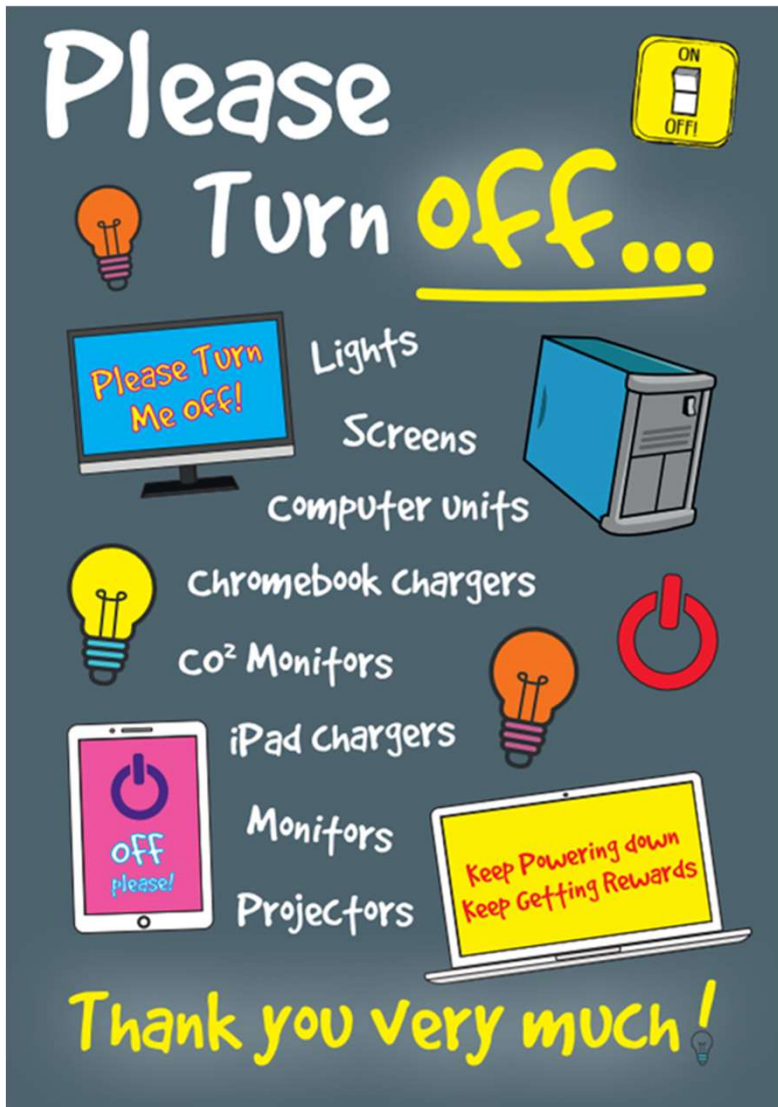
We have worked closely with Mr Tims our Caretaker to put the following in place.

- Turned down thermostat, changed timings of when heating comes on and goes off.
- Turned everything off during school holidays.
- This has reduced our energy consumption by 12% this year and saved the school £1200.

Energy Sparks Regional and National Champions

- Schools score points by recording their activities to investigate their energy use, learning about energy, and taking energy-saving actions around their school.
- Over 1,000 primary and secondary schools around the country took part.
- We won £1,250 to go towards an energy-saving improvement or sustainability project within the school.





We designed a poster with help from Nick Morris at Wallis Agency on Poundbury to help children and adults to make sure everything is turned off at the end of the day.

The money saved from the school powering down goes into a pot where classes can put in a proposal for some of the money to put towards a workshop, school trip or equipment but that is if they have powered down correctly.

DfE Energy Efficiency Funding

The Department for Education (DfE) has given all schools across England funding to improve energy efficiency.

We have spent our money on:

- Made sure **all our lights are LED.**
- **EndoTherm**, a special chemical has been added to our boiler system which will improve efficiency, reducing our energy consumption by 20%.
- **Measurable Energy Super Sockets** power sockets are combined with machine learning and software. This allows sockets to automatically identify devices plugged in, monitor their energy use, report real-time data and automatically turn devices on/off to avoid wasted energy. The sockets use a light to indicate if the energy is coming from the solar (green) or from the grid (red).



40 new solar panels will be added to the existing 40 panels in the courtyard playground. Work will start in October Half Term by local Poundbury business Wessex Eco Energy.



Existing solar panels in white. New panels in black.

Raising Funds for an Echo Point



Echo Point is a sound file that plays a carefully curated and structured soundscape, which helps adults and children to redirect negative emotions and enter a state of calm when they are feeling low and in times of crisis.

Echo Points can be found at Eden Project, Gardens of Heligan, schools in Devon and Cornwall.

Echo Point Impact

- Lowers pain and stress
- Lowers blood pressure
- Aids decision-making
- Breaks negative thought patterns
- Redirects emotion
- Improves mood
- Controls breathing
- Positive behaviour





Bench or Post

- Heavy duty modern street furniture Integrated solar electronics
- Modern oak
- Audio experience accessed by button
- Able to provide usage statistics
- No mains power required
- Environmentally Friendly
- Virtually maintenance free





By scanning the QR code on posters, leaflets, school website our staff , children, parents can experience the soundscape and guided breathing instructions too at anytime of the day.

This provision can then be shared across our community.



Youth Activism

Louis McKechnie
Climate Activist



Youth Activism

Henrietta Love
Young Farmers



DORSET COP

COMING UP

Main Hall Panel Presentations	Magistrates Room Workshops	COP Café / <i>Speakers</i> Corner	Council Chamber Workshops
14.10 – 15.10	14.10 –		
The Circular Economy			



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COMING UP

Main Hall Panel Presentations	Magistrates Room Workshops	COP Café / Speakers Corner	Council Chamber Workshops
14.10 – 15.10	14.10 – 14.40	14.10 – 15.10	14.00 – 15.00
The Circular Economy	Carbon Literacy for Councils and Communities	People's Assembly Imagining the future	Compiling your pledges
	14.40 – 15.10		
	Dorset Local Nature Partnership		

