



Dates for your diary...

Tuesday 5th September - First Day of Term 1

Thursday 7th September - Visitors in school: M&M Production of Alice in Wonderland

Friday 20th October - Last Day of Term 1

Welcome Back to 2017/18

Our first Imaginative Learning Project in Year 4 is going to be "Blue Abyss".

ILP focus	Art & design
English	Poetry using personification; Dilemma stories; Biography; Persuasive letters; Ballads
Art & design	Observational drawing; 3-D models; Clay sculpture; Anthony Gormley – Another place; Batik art; Printing; Famous seascapes
Computing	Programming; Video editing; Multimedia presentations
D&T	Submarine design; Working models
Geography	Seas and oceans of the world; The Great Barrier Reef; Environmental issues
History	19th century ocean exploration
Science	Living things and their habitats; Animals, including humans; Working scientifically

Please do not hesitate to ask if you have any questions.

Our Year 4 team: Mr Christopher, Miss Scaife, Mrs Robinson, Mrs Brown and Miss Parish

Fun facts

Did you know?

- F** The Pacific Ocean is the largest ocean on Earth. It covers around 30% of the Earth's surface.
- F** Seawater is water from a sea or ocean. On average, every kilogram of seawater contains around 35 grams of dissolved salt.
- F** Australia's Great Barrier Reef is the largest living structure on Earth. Covering an area of 350,000km², even astronauts in space can see it!
- F** More than 1500 species of marine fish, 360 types of hard corals, 200 types of birds and 20 types of reptiles inhabit the Reef, and even that's not a complete list.
- F** The slowest-moving sea creature is the dwarf seahorse. It moves just 152cm per hour – and you thought snails were slow!
- F** An individual fin whale excretes about 970 litres of urine per day. That's enough to fill up more than three bathtubs!
- F** Some submarines can remain submerged for months at a time. Normally, submarines carry a 90-day supply of food.
- F** USS Nautilus, the first nuclear-powered submarine, was launched in 1954. Nuclear power allowed submarines to operate at high speeds while staying underwater far longer than their diesel-electric versions.
- F** Bioluminescence is the production and emission of light by a living organism and primarily a marine phenomenon. Hundreds of species of fish and invertebrates flash their colours in light shows that rival the streets of Las Vegas!
- F** Sperm whales are champion divers. Adults can dive to depths of 2000 metres. If it's hard to think how deep 2000 metres under the sea is, try to imagine the Eiffel Tower in Paris. Now picture seven of them in the ocean!

Don't forget to check the class pages on the school website for updated information!

www.seathorne.lincs.sch.uk

Ideas for home learning

- Why is the ocean blue? Go on... find out!
- How many amazing shark facts can you find? Build them into a PowerPoint presentation to show the rest of the class. Remember to include images and perhaps some video clips too.
- Write a 'True or False' quiz with fascinating facts about creatures and plants under the sea.
- Create Top Trumps-style fact cards about creatures of the Great Barrier Reef.
- Create a picture dictionary of plants and creatures of the ocean.
- Visit your local library and find non-fiction books about the oceans and seas. Use them to find out about sea creatures of the world. Look for information using contents, glossary and index pages. Write down any new facts you have learnt and share them with your class.
- Use the web with an adult to find out about famous undersea explorers, such as Robert Ballard, Sylvia Earle, William Beebe and James Cameron. Record your information to share with the class.
- Draw the view of the ocean you might see if looking through the window of a submersible.
- Design an 'Under the Sea' board game. What creatures might your counters represent?
- Write a story about a diver's exploration of a coral reef.
- Learn The Beatles' song, 'Yellow Submarine', and write a new verse of your own.
- Write a poem about the creatures living in the blue abyss. It might be an acrostic, shape, haiku, cinquain or free verse poem.
- Research how to scuba dive and write a set of instructions for a new diver.
- Make a tourist leaflet for people visiting Australia's Great Barrier Reef.

Our PE will be on a Thursday for Term 1.

Please make sure PE kits are brought into school on a Monday and left all week. There may be opportunities for other PE sessions.

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