

Seahorses Class



Curriculum Information

Autumn Term

Inside this booklet you will find details about your child's learning this half term including key vocabulary that they will come across.

Curriculum Newsletter

September 2024

As Readers we will be reading The Jamie Drake Equation... “How amazing would it be to have a dad who’s an astronaut? Rocket launches, zero gravity and flying through space like a superhero! Jamie’s dad is an astronaut on the International Space Station. Hanging out at his local observatory, Jamie picks up a strange signal on his phone. It looks like alien life is getting closer to home. But space is a dangerous place and when his dad’s mission goes wrong can Jamie prove that he’s a hero too?



Throughout the weeks in our Reading Rangers lessons we will be exploring this text through the lenses of **VIPERS**. This means we will be honing our skills to look closely at the use and understanding of **Vocabulary**, reviewing what we can **Infer** from the text, **Predicting** what could happen, **Explaining** what the writer is telling us, **Retrieving** information, **Summarising** and **Sequencing** key events from the text.

As Mathematicians we will be starting the half term investigating Place Value. Place value is the value of each digit in a number. For example, the 5 in 350 represents 5 tens, or 50; however, the 5 in 5,006 represents 5 thousand, or 5,000. It is important that children understand that while a digit can be the same, its value depends on where it is in the number.



We will then move onto exploring more about each of the 4 operations, focusing on addition, subtraction, multiplication and division, working up to thousands (Y5) hundred thousands and (Y6) millions.

Key vocabulary: hundreds, thousand, ten thousand, hundred thousand, millions, greater than, less than, rounding.

As Writers we will be considering Michael Morpurgo’s tale of This Morning I Met a Whale. Using an adapted high-quality text from this “Meeting Story” to inspire and challenge our own writing we will be studying the text, both as a reader and as a writer. We use the Talk for Writing method, which has a three-stage approach of imitation, innovation and invention.



Children are introduced to a model text which we learn and internalise the language, writing ideas and features. We then innovate by co-constructing new versions of the model text using the same structures and techniques in our own writing. Eventually, children invent their own writing, on a different theme of writing in the style of the model text and after some support, this will be written independently.

Key vocabulary: abandoned, albatross, awe, coral reef, desperately, ice-cliffs, littered, roaming, vast, winched, wretched.

As Scientists we will expand on our early years learning about the seasons to explore space and why we have these seasons. We will investigate the spherical bodies known as planets, geocentric versus heliocentric, night and day plus the moon.

Key vocabulary: sun, star, moon, planet, spherical bodies, axis, satellite, orbit, rotate, geocentric, heliocentric, astronomer.



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As Athletes we will be further developing our skills in tri-golf, football, tag-rugby (a non-contact sport), netball and cross country.



We will continue swimming lessons at APHS this term with the aim to grow every child's water confidence and give them the opportunity to successfully swim 50m independently by the end of Year 6.

As Historians we will be exploring with Explorers, considering the lives, adventures and impact of people who have gone to areas as yet unknown. We will discuss Leif Erikson (1000 CE) a Viking who sailed west from Greenland, Zheng He (1405 CE) who sailed from China to India, Christopher Columbus who set off for new lands in 1492 CE, James Cook who reached the coast of Australia in 1770 CE and some more recent explorers (in Historical terms) of Amelia Earhart (1932 CE) and Sir Edmund Hillary (1953 CE). We will investigate their motivation, their obstacles, their failures, their successes and how their explorations have affected life today; asking, "Does our world need explorers today?"

In connection with our Science space topic and theme for the term we will also look at the explorations of people like Neil Armstrong, Tim Peake and also Mae Jemison as we give credit to those who have had to overcome additional obstacles of gender and ethnicity.

As Geographers we will be exploring our local area and using our map skills to sketch and create maps of our locality, observing, measuring and recording the human and physical geography features and changes over time. Using different types of fieldwork skills (random and systematic) we will record the results in a range of ways.

As Artists we will be discovering retro-futuristic space art with a spotlight on the Italian artist Umberto Boccioni (1882-1916) whilst also considering the works of Arthur Radeburgh, Taudalpoi, and Anton Brzezinski. Retro-futurism can be defined as the past's vision of the future, and as seen through the eyes of designers and creatives during the 1950s, 1960s and 1970s.

As Designers we will be creating our own space themed jigsaw. This will be accomplished by working through our design process of asking about the need or problem, imagining a solution, planning a design, creating from our plan and then evaluating what worked well and what could be improved.



As Musicians we will be learning and examining English folk songs, particularly those founded in East Anglia around the Norfolk Broads and their "Wherryman songs".

This overview is intended to give you a flavour of what we will be learning this half term. If you recognise any of this 'good learning' at home, please feel free to write it on a post it note and send it into school so that we can add it to your child's learning. This will help us to recognise the next steps in learning that your child needs to take.

Any questions about the learning on this overview, please let us know via Class Dojo.

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Remember – you should be reading, practising your spellings and your times tables as frequently as you can every week.



Times Tables

Times tables are a foundation for so much of our Maths learning and we will do lots in class but please practise yourself via Tackling Times Tables at least 3 times a week.



Also, practise with songs, chanting, write them down, get tested by a friend or family member...

Spelling

Spellings to learn each week will be added onto Spelling Frame every Friday and tested at school on the following **Fridays**. Practise your spellings at least 4 times a week.



Paper copies will also be available for practise during the week.

Reading

Read aloud with an adult at least 5 times a week, write this in your Reading Record book and get your adult to sign it. Bring these in each day as we will also have the opportunity to read in class and on **Mondays**, the reads will be counted.






Of course, you can read independently in addition to this!

Please ask if you are having trouble logging on to Ed Shed or Tackling Tables or if you need to be reminded of your login info.

Your home learning grid is on the following page.

The subject based challenges are for you to have a go at as home learning tasks but remember, dojos are available for all of those who choose to attempt the tasks. The more you do, the more dojos you will get!

Please send in all home learning to us via Class Dojo.

<p align="center"><u>Art / Reading / Science</u> Retro Futurism</p> <p>Design your own alien and the planet they live on! Create your own colourful piece of retro-futuristic art. What kind of face and body do they have? What colour are they? What kind of accommodation do they live in? What does their transport look like?</p>	<p align="center"><u>DT</u> Make a Scale Model</p> <p>Do you have an interesting idea you would like to develop? Have a problem that needs solving? Design a new machine, or resolution. Create a scale model of your design (a prototype). How much bigger would your actual solution would be if you had the budget?</p>	<p align="center"><u>English</u> Letter / Email / e-Postcard</p> <p>Write a letter to someone you have met. They might be famous or just someone interesting. Ask them questions about themselves and tell them somethings about yourself.</p>
<p align="center"><u>History / Geography / English</u> Diary</p> <p>Be an explorer for a day and write a diary of a key event in your life. Are you Leif Erikson, Mae Jemison or someone else?</p> <p>When and what were you exploring? Where did you go? What did you do, see, hear, taste? What were you wearing?</p> <p align="center"><u>IT - presentation</u></p> <p>If you prefer, you could blog it or vlog it but remember to include historical details too!</p>	<p align="center"><u>Maths</u> Rounding Leaflet</p> <p>Design a leaflet to explain to your younger peers how to round to tens, hundreds and/or thousands. Remember – which place value column we are looking at and give some examples.</p> <p align="center"><u>Presentation</u></p> <p>Choose how you want to present this, whether on paper or digitally and send it in via Class Dojo as usual.</p>	<p align="center"><u>Art / DT / Science</u> Solar System</p> <p>Design and make your own model of the solar system using everyday household or craft items such as coat hangers, string, various sized polystyrene balls and paint.</p> <p align="center"><u>IT - presentation</u></p> <p>Optional extra to record yourself demonstrating your model, explaining the planets in order from the sun.</p>
<p align="center"><u>Times Tables</u> reminder</p> <p>Times tables we need to be comfortable and confident with tables up to 12. Practise via Tackling Times Tables at least  times a week.</p> <p>Will you get the Spelling Frame certificate this month?</p>	<p align="center"><u>Spelling</u> reminder</p> <p>Spellings to learn each week will be added onto Spelling Frame every Friday and tested at school on the following Fridays. Practise spellings at least  times a week</p> <p>Will you get your next Tackling Tables certificate this week?</p>	<p align="center"><u>Reading</u> reminder</p> <p>Read aloud with an adult, write this in your Reading Record book and get your adult to sign it. On Mondays the reads can become dojos!</p> <p>Read at least  times a week.</p> <p>Will you get a certificate this week?</p>