



Welcome back!

We hope you have all had a relaxing and enjoyable half term and are ready for an exciting period of learning!

This half term, the children will be exploring locomotive transport in a unit called 'The First Railways'. The children will learn about the key dates in the history of Britain's Railways, as well as the history of steam trains and how they have changed to modern trains. Children will explore the Railway artwork of Laurence Lowry and Henry Carr.

Our novel for this half-term is 'Harry Potter and the Philosopher's Stone' by J. K. Rowling. The children will produce a range of writing inspired by this book and will discuss the author's stylistic techniques and how they differ to other children's authors.

In Maths, we will be continuing our journey through White Rose and will be focusing on Fractions, Decimals and Percentages. It is really important that children practise their multiplication tables as this knowledge will help them greatly when working with fractions, decimals and percentages.

Our Science topic this half term is 'Forces'. Children will explore and identify different forces. They will investigate up thrust in different liquids and will also study air resistance.

You can find out more about what we will be learning this year from our Curriculum Maps. The half term map details our learning through to the end of the Spring term on Friday 5th April.

Class Dojo will continue to run so you can keep up-to-date with everything that's happening in the classrooms. Please feel free to speak to your class teacher or contact us via the office if you have any questions!

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DATES FOR YOUR DIARY

Wednesday 6th March: Waterstones Visit

Wednesday 6th March @ 6pm: String Group & Orchestra at Central Baptist Church, Duke Street

Thursday 7th March: World Book Day

Monday 11th March: St Andrews Hall Music Festival – *please ensure your child has a packed lunch for this as they will be out over the lunch period.*

Monday 11th March @ 7:30pm: Wind Band at CNS

Please note: For evening performances, children can leave straight after their performance if they wish to.

Friday 22nd March: 5P-B Class Assembly

This half term, we will attend the Warner Bros. Studio Tour London for our Harry Potter Experience! This will be completed across four separate days:

5T will attend on Tuesday 12th March

5P-B will attend on Wednesday 13th March

5G will attend on Thursday 14th March

5R will attend on Friday 15th March

You should have had a letter and already given consent for your child to attend this trip, along with payment for the trip. If this is still outstanding, please contact the office as soon as possible to ensure your child can still attend.

If you have any questions, please get in touch.

PE DAYS

5T: Tuesdays and Thursdays

5G: Wednesdays

5P-B: Tuesdays and Wednesdays

5R: Wednesdays and Thursdays (swimming)

Please make sure your child has their PE kit in school each week. PE kits include a white T-shirt, black shorts or tracksuit bottoms, and trainers. Some lessons will be outside so children will need the appropriate clothing and footwear for this. Please ensure long hair is tied up or that your child has a hairband with them. For safety reasons, earrings must either be removed or taped up please!

Year 5 Optional Activities

to support your child's learning

Spring 2019



The First Railways

Our ICC topic this half-term is "The First Railways". Here are some ideas for further learning and research you could do at home:

- Research Norwich Train Stations – there actually used to be 3 in Norwich at one point. The evidence for these still exists today!
- Find out about the different types of train there and how they have changed over the years
- Show how trains have been represented in films, books and TV programmes
- Produce a fact file about the Industrial Revolution
- Create your own Henry Carr inspired artwork
- Research the high-speed Shinkansen railway
- Find out about the London Underground and how it is still being expanded today!

Reading Ideas

Here are some ideas for extra reading about Trains. Don't forget to visit the Library too!

'The Railway Children' by Edith Nesbit.

When their father goes away unexpectedly, Roberta, Peter and Phyllis have to move with their mother from their London home to a cottage in the countryside. At the local station the children make friends with the porter, Perks, and spend their time waving to the passengers on the trains. But although they have many adventures on the railway, one question still remains . . . is their father ever coming back?

'The Wolves of Willoughby Chase' by Joan Aiken.

Aiken wrote terrific books, but this one opens with a thrilling scene in which our stalwart heroine is travelling by train at night, northward to a new home. Beyond the windows, she hears the howling of wolves, and then they attack, hurtling themselves at the glass, and nearly breaking into her compartment.

At Avenue Junior School, we no longer set any formal homework. We believe the most important thing you can do with your child is to spend enjoyable time with them. We ask that you read with your child as often as you can to help instil a love for reading.

We have also provided this list of ideas that you can use if you would like to. Please do as many or as few as you wish – and let us know if you have any more great ideas for activities that you and your child enjoy!

Mathematics

This half term, we are focusing on Fractions, Decimals and Percentages. Please continue to support your child in learning their multiplication tables as this is vital for them to be able to learn new concepts when working with fractions, decimals and percentages

Read train timetables and figure out where you could go on a holiday and how much it would cost.

You could even design your own Hogwarts Express timetable!

When on a train journey, look at the prices of the snack bar. What could you get for £5?

Challenge your child to tell you what else they can discover about the relationship between Fractions, Decimals and Percentages!

Compare journey times when travelling on a train, in a car, by bus and cycling!

Other activities

- Write your own addition to the Harry Potter series
- Create your own new character for Harry Potter
- Create your own marauders map
- Design your own new train and what futuristic technology it may have!

Year 5 Spring 2: Half Term planning (2019)

	Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
International Creative Curriculum	<p>The industrial Revolution</p> <p>To understand why the Industrial Revolution was important in Britain and understand the effects.</p>	<p>The Earliest Locomotives and the wonder of steam</p> <p>The effect steam had on transport. The children will learn about the inventions and lives of Richard Trevithick and George Stephenson, including the design of his famous Rocket engine.</p>	<p>The Growth of Britain's Railways</p> <p>Nationalisation, privatisation and the railway network. Children will be able to explain how and why the network changed over time and mark major lines on a map.</p>	<p>The impact of Railways</p> <p>Children will consider the positive and negative effects of the introduction and development of railways (link to debating).</p>	<p>Railway Technology</p> <p>Children will look at how changes in technology have changed the way we travel. They will explore steam, diesel and electric trains.</p>	<p>Railway Art</p> <p>L.S Lowry Children will explore and identify perspective in Lowry's paintings and create their own one based on one of his industrial scenes. They will learn about his life and analyse his paintings.</p>
English: Spoken English, Reading Comprehension and Writing Composition	<p>Harry Potter</p> <p>Exploring different forms of sentence construction.</p> <p>Children to look at single and multi-clause sentences and explore how relative and subordinate clauses can be used.</p>	<p>Harry Potter</p> <p>Exploring different forms of sentence construction.</p> <p>Children to analyse a variety of extracts from the Philosopher's Stone, discussing why they are effective. These techniques and sentence forms will then be used within their own creative writing.</p>	<p>Harry Potter – Instructional Writing</p> <p>Children to explore instructional writing, focussing on how to create a clear and unambiguous set of instructions. Children will create their own magical potions, explaining, step by step, how to create these.</p>	<p>Harry Potter Studios Trip</p> <p>Children to write about their experiences at the Harry Potter Studios and use their knowledge to analyse how particular scenes from the movies have been created and directed.</p>	<p>Harry Potter – Creating suspense, tension and atmosphere</p> <p>Through a variety of different written styles, children will explore the different techniques involved with building an atmospheric piece of text.</p>	<p>Harry Potter – Creative Writing</p> <p>Children will be creating their own descriptive passages to extend or improve one of the Harry Potter stories, drawing on their experiences from the Studios visit and the other work done this half term.</p>
Vocabulary, grammar and punctuation	Conjunctions to join two clauses together.	ISPACED – dropping in a clause to vary sentences.	Adverbials of time / colons / semicolons.	Past tense verbs.	Figurative language (ISPACED) – using similes to start sentences.	Vocabulary work (Synonyms)
Spelling	Words containing –ei E.g. receive, conceive, protein, receipt.	Words containing –ei E.g. receive, conceive, protein, receipt.	Words containing –ei E.g. receive, conceive, protein, receipt.	Words ending in –ant, -ance and –ancy. E.g. assistant, elegance, vacancy.	Words ending in –ant, -ance and –ancy. E.g. assistant, elegance, vacancy.	Words ending in –ant, -ance and –ancy. E.g. assistant, elegance, vacancy.
Maths	<p>Fractions</p> <p>Add and subtract fractions with the same denominator and denominators that are multiples of the same number.</p>	<p>Fractions</p> <p>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. [for example $3 \frac{1}{4} \times 2 = 6 \frac{1}{2}$ OR $\frac{1}{4} \times 3 = \frac{3}{4}$].</p> <p>Read and write decimal numbers as fractions [for example $0.71 = \frac{71}{100}$].</p>	<p>Fractions</p> <p>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple ratios.</p>	<p>Decimals & Percentages</p> <p>Read, write, order and compare numbers with up to three decimal places.</p> <p>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents. Round decimals with two decimal places to the nearest whole number and to one decimal place. Solve problems involving number up to three decimal places.</p>	<p>Decimals & Percentages</p> <p>Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal. Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.</p>	NFER Assessments.

Year 5 Spring 2: Half Term planning (2019)

Science	Forces Knowledge harvest exploring preconceptions and facts. Children in role as Science Officers on board the ship have to explain to the crew how they are wrong.	Forces Children explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object by measuring the force of gravity pulling on objects.	Forces Children identify the effects of air resistance by investigating the best parachute to slow a person down.	Forces Children identify the effects of water resistance by planning and creating streamlined boats.	Forces Children carry out a practical investigation into floating and sinking. Children observe events and accurately record results.	Forces Assessment week.
Computing Media and E-safety	Spreadsheets The children will be introduced to Excel Spreadsheets, entering data and using formulae. They will focus on number operations, entering text and numbers in cells and using the SUM formula and begin to format cells.	Spreadsheets The children will begin to use the SUM function for a specific purpose, such as calculating a League Table. They will order data using the sort function and produce a graph to present the data.	Spreadsheets Children will create totals and averages for existing data; sort according to either column then add or edit data by following instructions. They will begin to understand the benefit of automatic recalculation when editing.	Spreadsheets Children are given an investigation where the solution to a problem is best calculated using a spreadsheet. They must use prior knowledge and skills to find the best solution.	Spreadsheets Children are given a list of possible items and prices, along with a maximum spending budget. They must choose items for a party and calculate quantities and totals within the set budget for a given number of people.	Spreadsheets After a recap of the skills taught so far and the potential use for a spreadsheet, children are given the open-ended challenge to design their own.
DT	<p>Children will continue to cook with Mrs Wilson this half term.</p> <p>We will also be looking at creating structures. Here, the children will work in groups to build their own railway bridge, capable of transporting a model train across it.</p>					
PSHE	PATHS Setting goals and reaching your goal, the biography of Harriet Tubman.	PATHS Setting a goal. A class project to improve the school	PATHS Setting a plan and Making a Plan	PATHS Overcoming Obstacles – biography of Jim Abbott	PATHS Making New Friends	PATHS Joining in with Others
French	A School Trip Children will learn and perform songs in French such as 'The Wheels on the Bus'.	A School Trip Children will explore new vocabulary to describe some of the activities they like doing on the way to a destination.	A School Trip Children will learn to describe some of the common sights they may encounter on a journey.	A School Trip Children will learn and use a variety of vocabulary associated with visits to a museum.	A School Trip Children will learn and use a variety of vocabulary associated with trips to the countryside and activities they may do here.	A School Trip Children will recap the work in this unit as a School Trip to the Museum.
RE	Children will explore the key beliefs of Islam and relate them to their own beliefs.	Children will learn what the Hajj is and why Muslims go there.	Children will explore the steps of the Hajj, what it means to Muslims and why Mecca is important.	The children will continue their exploration of the Hajj, learning about all aspects of it including who should go, preparation and what happens on each day.	The children will create their own posters, depicting why the Hajj is so important to Muslims.	Using knowledge gained, the children will make a 6-point plan for their own spiritual journey.

Year 5 Spring 2: Half Term planning (2019)

Music	What does Music sound like in other parts of the World? Children will explore Chinese music.	What does Music sound like in other parts of the World? Children will explore Caribbean music.	What does Music sound like in other parts of the World? Children will explore Indian music.	What does Music sound like in other parts of the World? Children will explore Irish music.	What does Music sound like in other parts of the World? Children will explore African Drumming music.	What does Music sound like in other parts of the World? Children will explore Indonesian Gamelan music.
PE	<p>Swimming will continue at the UEA for the final class in Year 5, which is in addition to regular PE sessions at school and at Recreation Road.</p> <p>The children will be learning skills involved with racket sports, focusing on tennis.</p>					