



Dear Parents and Carers,

Welcome back to the new year! We are looking forward to continuing to work with you and your children and we know that we will have a brilliant year together. We at Trent recognise that your child's success is often attributed to tremendous commitment from the whole family team, so thank you in advance for your support. This letter is for your information, outlining the learning taking place in Year 5 this term.

Throughout the Spring term, we will be covering the following:

Subject	Learning	Links to previous learning	How you can help
<p>Topic 'Scream Machine'</p>	<p>Our big question is 'what is needed to make a spine-tingling ride?'</p> <p>In History, we will discover the origins of the funfair in Britain in the Victorian era, and how it has changed over time.</p> <p>In DT and computing, we will learn about mechanisms and build creations programmed by physical computing, using 'crumbles'. We will create our own moving fairground rides linked to physical computing systems.</p> <p>In Art, we will look at creating movement through drawing and will focus on Roy Lichtenstein's Pop Art and the work of Faith Ringgold to inspire us.</p>	<p>Year 4 – studied the Victorian era in Britain</p> <p>Year 2 – 'Towers, turrets, tunnels' project looking at castles and draw bridges</p>	<p>Discuss lessons with your child, ask them questions and encourage personal research.</p>
<p>Topic: 'Stargazers'</p> <p>(history, geography, art and design, design and technology)</p>	<p>Our big question for our topic this term is 'Could human live on another planet'</p> <p>In Art, we will continue to learn about creating texture and form but using different materials. We will look at Georgia O'Keeffe's Starlight Night to create our own constellation paintings using watercolours and masking tape. We will also be looking at showing emotions through artwork, inspired by contemporary artist Shantell Martin using line drawings on our very own class installation.</p> <p>In DT we will examining the work of inventors in space travel and why they are so important and inspirational.</p> <p>In Geography, we will be viewing the world from Space and thinking about which major cities you can see from Space. We will be drawing comparison between continents and identifying and explaining the function of the Prime Meridian and different time zones.</p>	<p>Year One – 'Moon Zoom' topic</p>	<p>Discuss lessons with your child, ask them questions and encourage personal research.</p>

English	<p>Linked to our Scream Machine and Space topic, we will be exploring a range of quality texts to inspire our writing including 'Cosmic' by Frank Cottrell Boyce'</p> <p>These class books will inspire our writing across a range of genres including poetry, adverts, scripts (for a podcast) and narratives.</p> <p>In the first half term, we will create our own 'shape poems' to represent the movement of a rollercoaster, and well as producing our own adverts for a new ride.</p> <p>In the second half term, we will be writing scripts for podcasts (and recording them) for a show from the International Space Station and we will be writing narratives using dialogue to show the characters' emotions and to move the story forward.</p> <p>SPaG will be taught daily in order to support our writing in English lessons and children will be given a weekly spelling test on Fridays linked to the spellings set in weekly homework.</p> <p>Guided reading will also be taught daily. It will be taught in whole-class and small focus groups sessions. A class book will be shared at the end of each day.</p>	<p>In year 4, writing Native American myths and writing emails.</p>	<p>Discuss the current topic with your child, ask them what their targets are and how they can improve their writing. Please encourage the use of a dictionary and thesaurus at home, and to take extra care with presentation when completing homework activities.</p> <p>Children will bring home a leveled book and should be encouraged to read every day and be able to answer questions about what they have read, as well as give their opinions about the text. Please ask children a range of questions about what they have read to help develop their understanding. A list of example questions can be found on the 'Book Talk' page in your child's reading journal to help support you when reading with your child. Please sign your child's reading journal on a daily basis so we can see that your child has been reading at home.</p>
Maths	<p>We will follow the National Curriculum objectives for year 5, with great emphasis on problem solving and reasoning skills.</p> <p>At the beginning of the Spring Term, our first topic is multiplication and division (including the formal methods for both for up to 4 digit numbers).</p> <p>Then, we move onto fractions including: fractions; improper fractions; mixed numbers; multiplying fractions; fractions of an amount; and adding and subtracting fractions.</p> <p>We will then look at decimals and percentages, and relate these to our work on fractions.</p> <p>During the term, children will complete mental maths and times tables tests in order to track progress. There will also be opportunities to practice longer worded questions in order to prepare children for the tests.</p>	<p>Building on column multiplication by 1 digit numbers; and continuing technique of the 'bus stop' method for division.</p>	<p>Make sure your child knows all of their multiplication tables and support them with homework if needed.</p> <p>Every week, your child will bring home a piece of Maths homework linked to the topic we have covered in class.</p>
Science	<p>In Spring 1, we will study different forces such as: gravity, friction, air resistance, water resistance, and what happens when these forces are balanced or unbalanced.</p>	<p>Push/pull forces in Reception/year 1</p>	<p>Discuss the topic at home and ask questions about what they have learnt. Encourage your child to read non-fiction books related to the topic and share new concepts.</p>

	<p>We will also look at different mechanisms (pulleys, levers etc) which allow a small force to have a greater effect.</p> <p>During Spring 2, our science topic is linked very closely to our 'Stargazers' topic – focusing on the Earth and Space.</p> <p>Children will learn to: describe and explain the movement of the Earth and other planets relative to the Sun; describe and explain the movement of the Moon relative to the Earth; explain and demonstrate how night and day are created and describe the Sun, Earth and Moon (using the term spherical).</p>		
Religious Education	<p>Our first half term looks at 'What does it mean to be a Sikh?'</p> <p>In Spring 2, we start with a 2-week mini project on the contemporary Anglican Church – and comparing practices in different churches.</p> <p>After that, we are focusing on the Church during the period of Lent and Easter.</p>	Sikhism topic in year 4.	You can support your child by discussing lessons or topics and encourage additional personal research or practice.
PE	<p>Children will have two weekly PE sessions taught by Non Stop Action. One session will focus on dance skills and the other will be physical exercise. We aim to hold lessons outside as often as possible.</p> <p>Year 5's PE is on Monday and Friday afternoons.</p>		Please support your child to become independent in ensuring they have the correct kit.
Music	<p>Year 5 will have weekly music lessons taught by Mrs Ordon. Music activities will include outdoor singing sessions, pencil case percussion to learn about musical elements, structures and rhythms, as well as a history of music/instruments of the orchestra.</p>		You can support your child by discussing lessons or topics and encourage additional personal research or practice.
French	<p>Ms Kenealy will teach French lessons during the Spring term where children will learn a range of French vocabulary through games and role play. French lessons will be linked to the pupils' topics and will enhance their understanding of the historical periods.</p>	French vocabulary learnt in previous years.	You can support your child by discussing lessons or topics and encourage additional personal research or practice.

## PE

Year 5 will have PE on Mondays and Fridays. Children need to wear full Trent PE kit to school on these days. As we aim for lessons to be outdoors as often as possible, we recommend that children wear their outdoor PE kit (green jogging bottoms, Trent PE top, green jumper). We ask that your child wears either black or white trainers. We recommend providing your child with a spare pair of plimsolls for them to keep in school in case they need to change their shoes during the school day due to the weather.

## Homework

Homework will be set on Google Classroom on Fridays and will usually consist of:

\*A piece of Maths

\*A piece of English

\*Spellings

\* A piece of science or project learning

As the year progresses, the amount of homework will increase to help support transition to year 6. Homework is due in by Wednesday. Please encourage your child to get into the routine of 'handing in' their homework on time (by ensuring they click the 'hand in' button). At times, 'talk homework' will be set so that children can discuss their ideas before completing a piece of extended writing. If your child needs any help regarding their homework, they must come and see us before the Wednesday deadline so we can support them.

## Reading

The expectations for speed and accuracy in reading in Year 5 increase markedly from Year 4 so please make sure your child reads every night. Your child will have a reading record journal which should be signed each day by an adult at home. These will be checked daily and signed by a member of staff to acknowledge your child's commitment to their reading.

## Equipment

Thank you to all who have purchased the school pencil case containing the equipment your child will need for this year. The children have already shown responsibility in looking after their own equipment, however if items need replacing, we would be grateful if you could support us in this. The items your child will need are: a clear pencil case, a pencil, a blue non-erasable writing pen (no biro's please), a ruler, a sharpener, a glue stick, a purple pen and a whiteboard pen.

Due to the volume of work completed in Year 5, children do need items in their pencil case replacing regularly. Please check with your child on a regular basis if they need any new items. We recommend that your child always has two pens and pencils in their pencil case.

If you wish to provide your child with earphones to keep in their tray to use when using the iPads then please feel free to do so. Please note that your child is responsible for their earphones.

Please provide your child with a water bottle every day and a healthy fruit snack to eat during morning break time.

## Behaviour Policy

The Behaviour Policy has been clearly explained to all the children across the school. They understand the standard of behaviour expected of them and are responding positively. In Year 5, we will be encouraging and recognising positive behaviour by rewarding children who do well in a variety of ways.

## Dates for your diary

**Year 5 sharing assembly** – Fri 11<sup>th</sup> February

**Parent Consultations** – Weds 9<sup>th</sup> February and Thurs 10<sup>th</sup> February

**Residential Trip to Flatford Mill** – Mon 21<sup>st</sup> March – Weds 23<sup>rd</sup> March

We look forward to working with you during the term ahead.

Please do not hesitate to contact us if you have any questions.

Best wishes,

Miss Bond (class teacher) and Mrs Murray (teaching assistant)