

Welcome to Hall Park Academy 2023



Welcome to Hall Park Academy and Year 7

We hope you are looking forward to joining Hall Park Academy in September as the class of 2028. We have lots of exciting things in store for you both in lessons and as part of our co-curricular programme. You have all worked really hard in Year 6 and will be looking forward to the summer holidays. It is important that you have a well-earned rest and come back refreshed and ready to go in September. However, five weeks is a long time and we think it is beneficial to keep thinking and learning new things. Therefore, we have produced this booklet to let you know what you will be studying in your first term in Year 7 and to give you some suggestions for things to do over the summer. There are lots of ideas here so dip in and see where it takes you.

“Learning never exhausts the mind.” Leonardo da Vinci



Welcome to English

This is the curriculum for the Autumn term:

- Theme - “Overcoming Challenge”
- Assessment: Creative writing task based on an image



Suggested reading:

- Stormbreaker by Anthony Horowitz

“They told him his uncle died in an accident. He wasn't wearing his seatbelt, they said. But when fourteen-year-old Alex finds his uncle's windshield riddled with bullet holes, he knows it was no accident. What he doesn't know yet is that his uncle was killed while on a top-secret mission. But he is about to, and once he does, there is no turning back. Finding himself in the middle of terrorists, Alex must outsmart the people who want him dead. The government has given him the technology, but only he can provide the courage”.

Productions/Films:

<https://en.wikipedia.org/wiki/Stormbreaker> (film)

Websites:

- <https://www.anthonhorowitz.com/books/title/stormbreaker>
- <https://www.bbc.co.uk/bitesize/articles/zh2hnrđ>
- <https://www.bbc.co.uk/bitesize/articles/zfcccqt>
- <https://www.bbc.co.uk/bitesize/articles/z4jdd6f>

The intent behind the English curriculum is to promote and extend understanding of vital reading skills.

These skills are colour-coded throughout KS3, KS4 and KS5 to enable our students to understand the significance of these skills throughout their education.



Writing skills for English

Brush up on the following things:

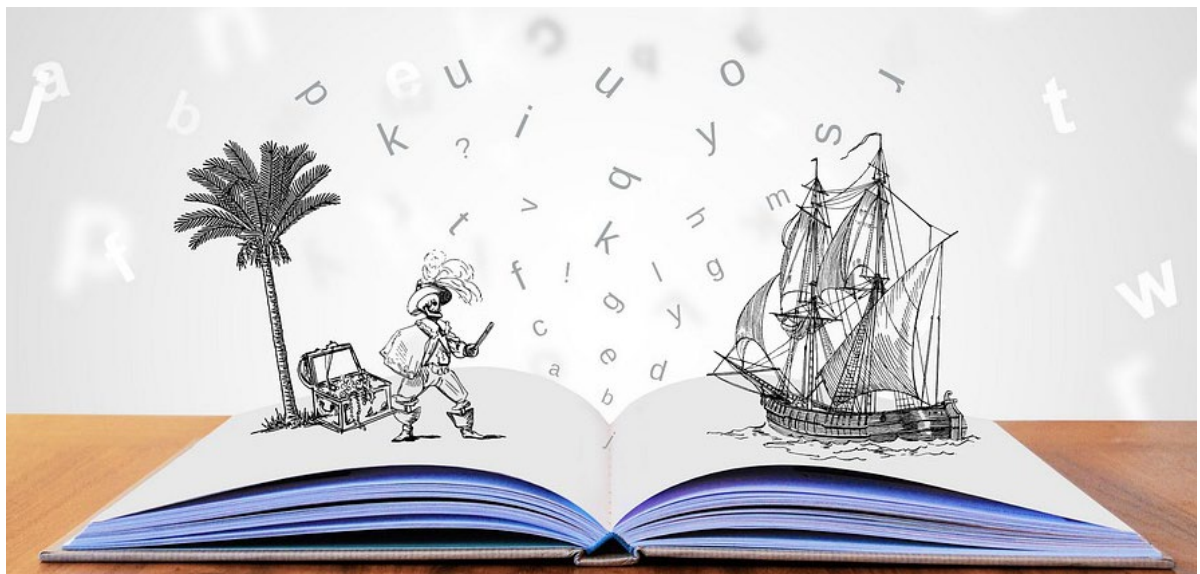
- Different sentence types (simple, compound, complex)
- How to correctly use paragraphing
- Ambitious, varied language choices (you could aim to learn 3-5 new words by September)
- Figurative techniques (metaphors, similes, personification, hyperbole)
- 5 senses

Possible summer challenge:

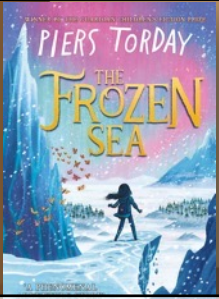
- Write a monologue in the style of a character from a book/film you like
- Choose an image of a setting online and describe it as if you are standing there

Ideas for summer reading to inspire:

- <https://www.booktrust.org.uk/booklists/s/short-stories-9-12/>
- <https://www.worldbookday.com/ideas/100-stories-to-share/young-adults/>



KS2 SAT Reading score of 105+



**The Frozen Sea by
Piers Torday**

This story follows Jewel and her hilarious hamster, Fizz, who hide in an old bookshop to escape the bullies that are chasing her. Whilst inside, she stumbles across an unusual atlas which acts as a portal and transports her to Folio, a kind of enchanting Narnia. She meets a librarian who gives her an exciting but dangerous task; to rescue her Aunt Evie, the Empress of Folio. Jewel embarks on an adventure of a lifetime, where she learns some important truths along the way. The Frozen Sea is a story you will instantly fall in love with and will make your imagination run wild!

If this
sounds
good then
you could
also read...



**Artemis Fowl by
Eoin Colfer**



**The Secret of Platform
13 by Eva Ibbotson**



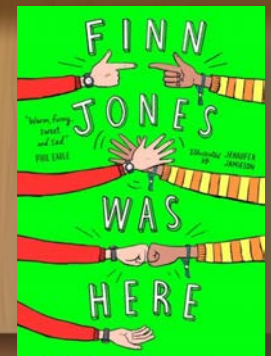
**The 100 by Kass
Morgan**



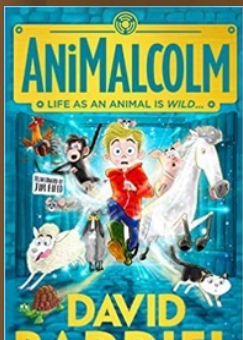
**The Lost Girl King by
Catherine Doyle**



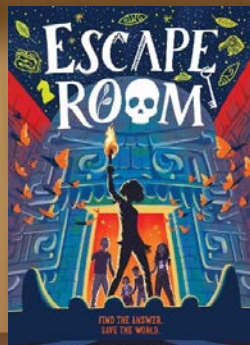
Eric's best friend, Finn, was the world's most enthusiastic prankster. Was, because Finn died recently of an illness...or did he? At Finn's funeral, Eric receives a message from beyond the grave and it must be because this is Finn's biggest prank ever, faking his own death! As Eric follows Finn's cryptic instructions for various challenges, he goes down memory lane and through a scavenger hunt that will change Eric forever.



**Finn Jones Was Here by
Simon James Green**



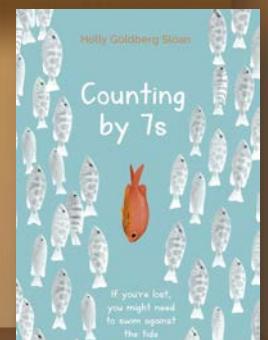
**AniMalcolm by David
Baddiel**



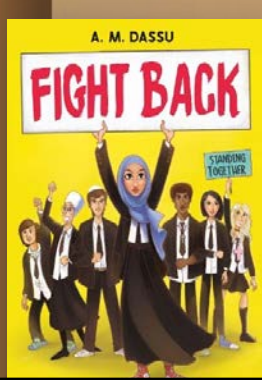
**Escape Room by
Christopher Edge**



**See you in the Cosmos by
Jack Cheng**



**Counting by 7s by
Holly Goldberg Sloan**



Fight Back by AM Dassu

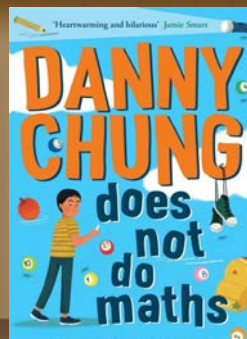
Aaliyah is an ordinary 13-year-old living in the Midlands – she’s into her books, shoes, K-pop and she is a Muslim. She has always felt at home where she lives...until a terrorist attack in her area changes everything. As racial tensions increase and she starts getting bullied, Aaliyah decides to begin wearing a hijab - to challenge how people in her community see her. But when her school bans the hijab and she is intimidated and attacked for her choices she feels isolated...



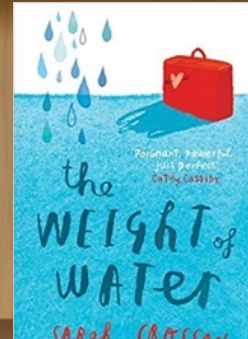
If this sounds good then you could also read...



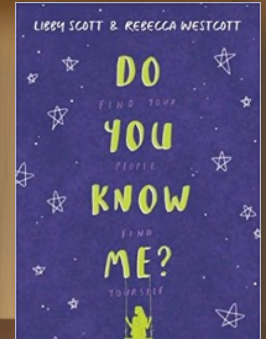
Boy, Everywhere by AM Dassu



Danny Chung does not do Maths by Maisie Chan



The Weight of the Water by Sarah Crossan



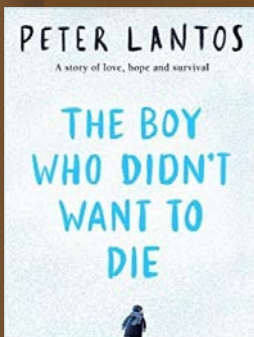
Do You Know Me by Libby Scott and Rebecca Westerfield



1941: War is raging. And one angry boy has been sent to the city, where bombers rule the skies. There, Joseph will live with Mrs F, a gruff woman with no fondness for children. Her only loves are the rundown zoo she owns and its mighty silverback gorilla, Adonis. As the weeks pass, bonds deepen and secrets are revealed, but if the bombers set Adonis rampaging free, will either of them be able to end the life of the one thing they truly love?



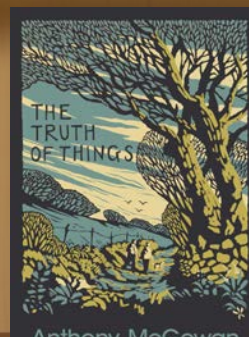
When the Sky Falls by Phil Earle



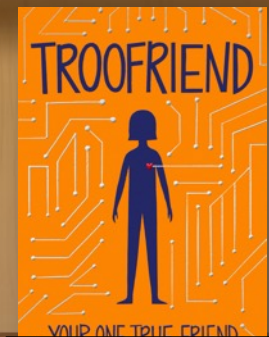
The Boy Who Didn't want to Die by Peter Lantos



Kick by Mitch Johnson



The Truth of Things by Anthony Magowan

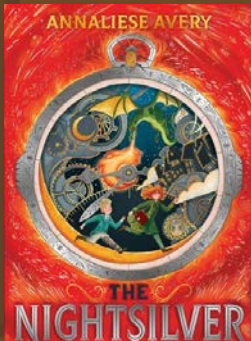


Troofriend by Kirsty Applebaum



**Girl (In Real Life) by
Tamsin Winter**

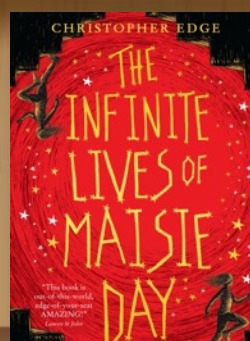
Eva has been public property since before she was born. Her parents' vlog All About Eva has documented everything: first words, first tantrum and first pimple. When she was small, Eva didn't mind posing for pictures or acting up for the camera, but now she's a young teen, she just wants some privacy. When Mum vlogs about Eva's first period, the embarrassment is too much to bear and Eva is forced to take drastic action in order to get her life back.



**The Nightsilver Promise
by Annalise Avery**



**Skywake Invasion
by Jamie Russell**



**The Infinite Lives of Maisie
Day by Christopher Edge**



**Furthermoor by
Darren Simpson**

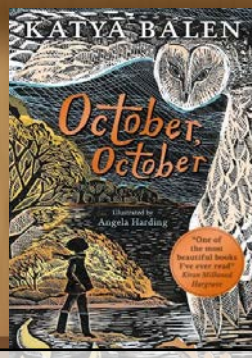
Leon John Crothers is 4779 days old (13 years and 1 month if you're mathematically challenged). He has been 'moved on' from six different schools and most people think he has an attitude problem. Leon doesn't care for the label, in the same way that he doesn't care for Tim Burton, supermarket trolleys, train fanatics or Bounty bars. This time, however, things may turn out differently, as help comes from where he least expects it – Dr Snot, a physician at pains to help Leon navigate 'normal' and classmates, Tanya and Lawrence, who both face their own challenges.



**The Asparagus Bunch
by Jessica Scott-Whyte**



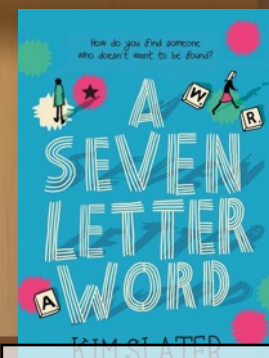
**The Summer I Robbed the
Bank by David O'Doherty**



**October, October by
Katya Balen**



**A Kind of Spark by
Elle McNicoll**



**A Seven Letter
Word by Kim Slater**



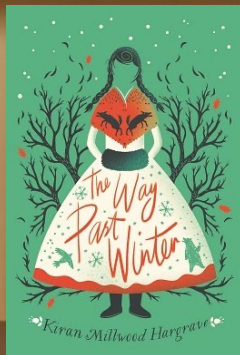
The Swallow's Flight
by Hilary McKay

Erik and Hans are German boys. Ruby and Kate are English girls. They grow up in worlds that would never meet, until war tumbles their lives together. Then one September afternoon there are choices to be made. How is courage lost and found? Who is really the enemy? And what does friendship truly mean, in the middle of a war? Meanwhile Rupert and Clarry work secretly for peace – and a brighter future for them all...

'The Skylarks' War and The Swallows' Flight are pinnacles of children's literature.'
The Sunday Times



If this sounds good then you could also read...



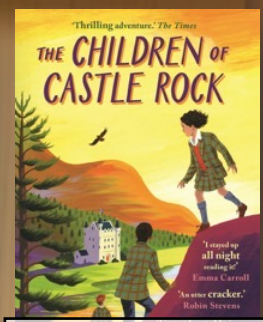
The Way Past Winter -
Kiran Millwood Hargrave



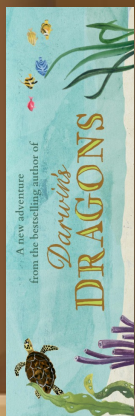
Wonderscape by
Jennifer Bell



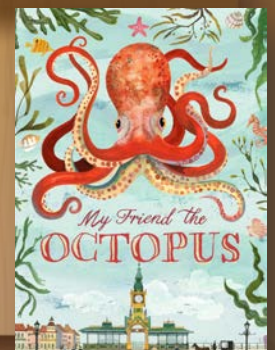
Where the River
Runs Gold by Sita
Brahmachari



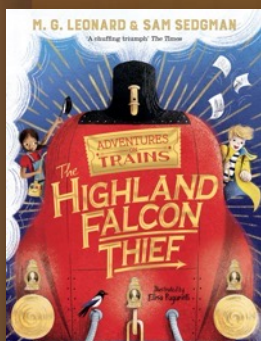
The Children of
Castle Rock by
Natasha Farrant



England 1877 and aquarium fever is at its height. 12-year-old Vinnie Fyfe works in a tea-shop at Brighton aquarium, and waits for her milliner mother to return from Paris. The arrival of a giant octopus changes her life forever. Discovering a talent for art, Vinnie begins to draw the extraordinary beast. She soon realises she can communicate with the octopus through colour and – as a gripping mystery begins to unfold – discovers what true courage really means.



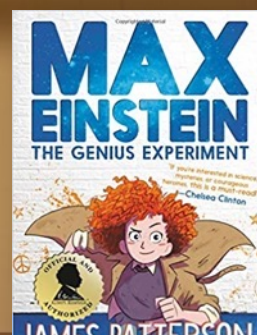
My Friend the Octopus
by Lindsay Galvin



The Highland Falcon
Thief by M.G. Leonard



Kat Wolfe Investigates
by Lauren St John



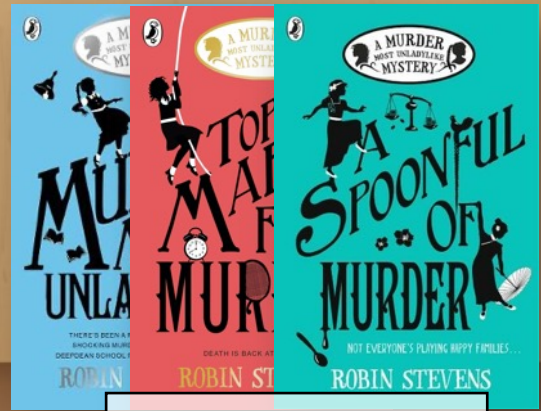
The Genius Experiment
by James Patterson



Thornhill by Pam
Smy



The Wizards of Once by
Cressida Cowell



A Murder Most Unladylike
by Robin Stevens



Skulduggery Pleasant by
Derek Landy



Cogheart Adventure by
Peter Bunzl



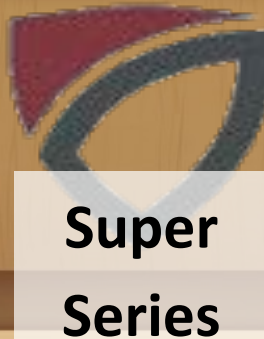
Fairy Tales Gone Bad by
Joseph Coelho



The Chocolate Box Girls by
Cathy Cassidy



The History Keepers by
Damian Dibben



Super
Series

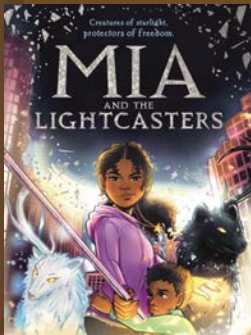


The Fowl Twins by Eoin
Colfer

Thirteen-year-old Skandar Smith has only ever wanted to be a unicorn rider. To be one of the lucky few selected to hatch a unicorn. To bond with it for life; to train together and race for glory; to be a hero. But just as Skandar's dream is about to come true, things start to take a more dangerous turn than he could ever have imagined. A dark and twisted enemy has stolen the Island's most powerful unicorn – and as the threat grows ever closer, Skandar discovers a secret that could blow apart his world forever . . . Get ready for unlikely heroes, elemental magic, sky battles, ancient secrets, nail-biting races and ferocious unicorns, in this epic adventure series that will have your heart soaring.



Skandar and the Unicorn Thief by A F Steadman



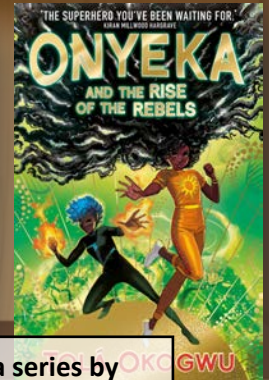
Mia and the Lightcasters by Janelle McCurdy



The Marvellers by Dhonelle Clayton



Onyeka series by Tola Okogwu



Amari and the Night Brothers by BB Alston

Amari Peters knows three things. Her brother Quinton has gone missing. No one will talk about it. His mysterious job holds the secret. So when Amari gets an invitation to the Bureau of Supernatural Affairs, she's certain this is her chance to find Quinton. But first she has to get her head around the new world of the Bureau, where mermaids, aliens and magicians are *real*, and her roommate is a weredragon.



KS2 SAT Reading score of 90-105

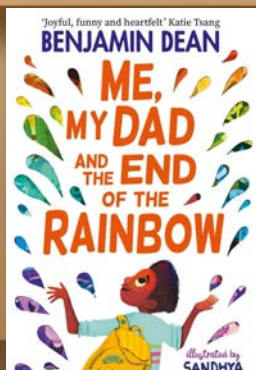


**Jamie by LD
Lapinski**

Jamie Rambeau is a happy 11-year-old non-binary kid who likes nothing better than hanging out with their two best friends Daisy and Ash. But when the trio find out that they will be separated into one school for boys and one for girls, their friendship suddenly seems at risk. And when Jamie realises no one has thought about where *they* are going to go, they decided to take matters into their own hands and sort it all out once and for all. Set in and around Nottingham.



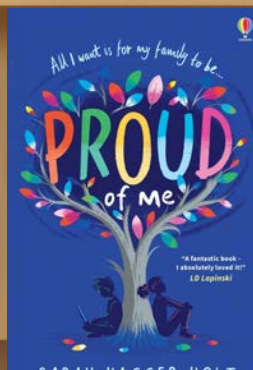
If this
sounds good
then you
could also
read...



**Me, My Dad and the End of the
Rainbow by Benjamin Dean**



**The Secret Sunshine
Project by Benjamin Dean**



**Proud of Me by
Sarah Hagger-Holt**



**Glitter Boy by Ian
Eagleton**

When an evil faerie steals Yanni's baby sister and swaps her for a changeling, Yanni is swept into a dangerous race against time to get her back. For faeries delight in tricks and rescuing her won't be easy. With the help of his cousin, Amy, and the reluctant changeling, Yanni must travel to goblin palaces and battle-swept oceans, discovering ancient treasures and secrets along the way. Winner of The Redhill Academy Trust Children's Book Award 2022-2023.



**The Chime Seekers by
Ross Montgomery**



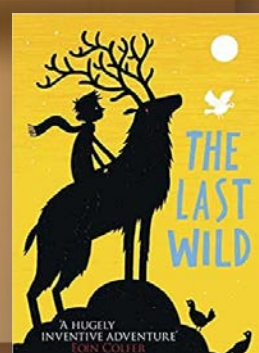
**A Pinch of Magic by
Michelle Harrison**



**A Place Called Perfect
by Helena Duggan**



**The Sky Over Rebecca
by Matthew Fox**



**The Last Wild by Piers
Torday**

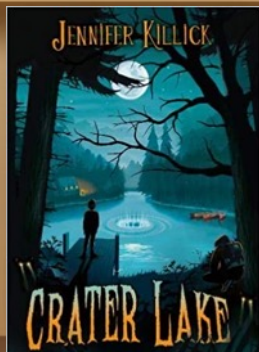


**Dread Wood by
Jennifer Killick**

It's basically the worst detention ever! When classmates (but not mate-mates) Hallie, Angelo, Gustav and Naira are forced to come to school on a Saturday, they think things can't get much worse. But they're wrong. Things are about to get seriously scary.

What has dragged their teacher underground? Why do the creepy caretakers keep humming the tune to Itsy Bitsy Spider? And what horrors lurk in the shadows, getting stronger and meaner every minute...?

If this
sounds
good then
you could
also read...



**Crater Lake by
Jennifer Killick**



**Freeze by Chris
Priestley**



**The Invasion of
Crooked Oak by
Dan Smith**

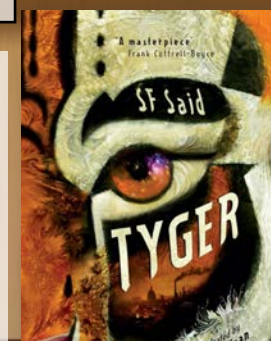


**The Last Chance Hotel
by Nicki Thornton**

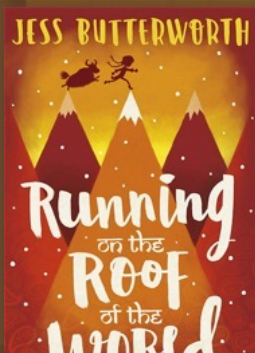


Adam has found something incredible in a rubbish dump in London. A mysterious, mythical, magical animal. A TYGER. And the tyger is in danger.

Adam and his friend Zadie are determined to help, but it isn't just the tyger's life at stake. Their whole world is on the verge of destruction. Can they learn to use their powers before it's too late?



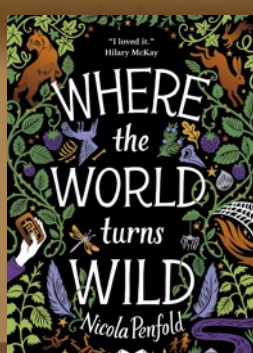
Tyger by S F Said



**Running on the Roof of the
World by Jess Butterworth**



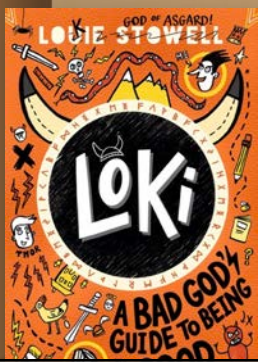
**The Bone Sparrow
by Zana Fraillon**



**Where the World Turns
Wild by Nicola Penfold**



**The Last Bear by
Hannah Gold**

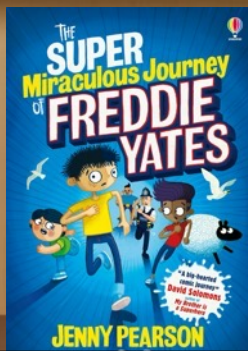


Loki by Louie Stowell

After one trick too may, Loki is banished to live on earth as a 'normal' schoolboy. Forbidden from using his AWESOME godly powers, Loki must show *moral improvement*. As he records his lies THE TRUTH in his magical (judgemental) diary, it becomes clear Loki hasn't a clue how to tell good from evil, trust from tricks or friends from enemies.



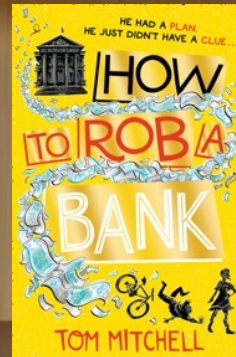
If this sounds good then you could also read...



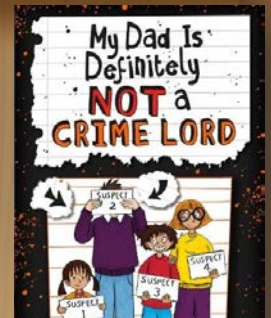
The Super Miraculous Journey of Freddie Yates by Jenny Pearson



Inkling by Kenneth Oppel



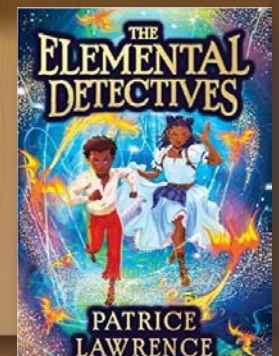
How to Rob a Bank by Tom Mitchell



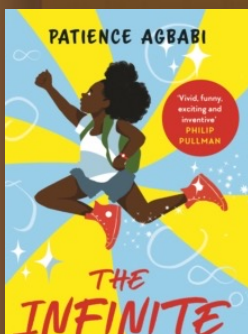
My Dad is Definitely Not a Crime Lord by Ben Davis



Step into a London **lit up** by the Elemental spirits: the fiery Dragons, the airy Fumis, the watery Chads and the earthbound Magogs. But humans have been causing chaos for centuries, trampling through the landscape trailing noise, mess and pollution. What if the Elements could slow down this new world...or stop it all together?



The Elemental Detectives by Patrice Lawrence



The Infinite by Patience Agbabi



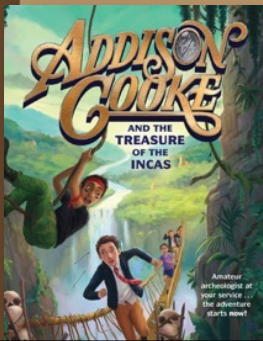
Knights and Bikes by Gabrielle Kent



The Light Hunters by Dan Walker



Monstrous Devices by Damien Love



**Addison Cooke and the
Treasure of the Incas by
Jonathan Stokes**

Twelve-year-old Addison Cooke just wishes something exciting would happen to him. His aunt and uncle, both world-famous researchers, travel to the ends of the earth searching for hidden treasure, dodging dangerous robbers, while Addison is stuck in school. Luckily for Addison, adventure has a way of finding the Cookes. After his uncle unearths the first ancient Incan clue needed to find a vast trove of lost treasure, he is kidnapped by members of a shadowy organization intent on stealing the riches. Addison's uncle is the bandits' key to finding the treasure . . . unless Addison and his friends can outsmart the kidnappers and crack the code first. This is a story full of laugh-out-loud moments and nonstop action.

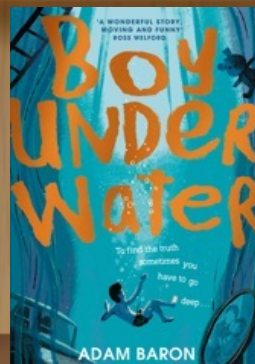
If this
sounds
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also read...



**FloodWorld by Tom
Huddlestone**



**Orion Lost by
Alistair Chisholm**



**Boy Underwater by
Adam Baron**

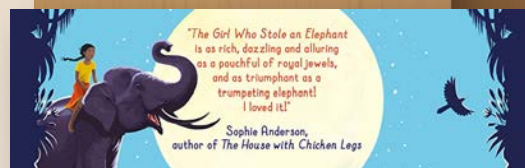


**Beetle Boy by M.G.
Leonard**



**The Girl Who Stole
An Elephant by
Nizrana Farook**

Chaya, a no-nonsense, outspoken hero, leads her friends and a gorgeous elephant on a noisy, fraught, joyous adventure through the jungle where revolution is stirring and leeches lurk. Will stealing the queen's jewels be the beginning or the end of everything for the intrepid gang?



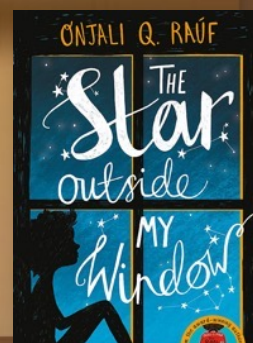
**Aarti & the Blue Gods
by Jasbinder Bilan**



**The Thief who Sang Storms
by Sophie Anderson**

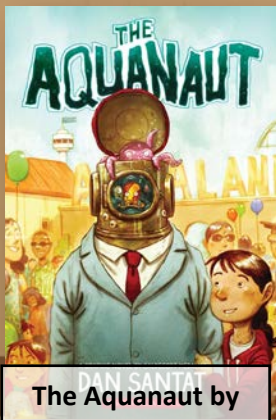


**The Kingdom over
the Sea by Zohra Nabi**



**The Star Outside my
Window by Onjali Q Rauf**

Graphic Novels



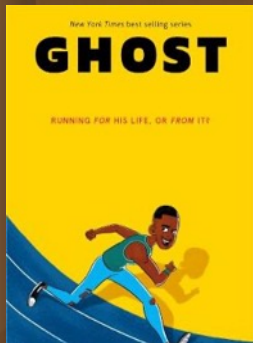
**The Aquanaut by
Dan Santat**



**Sisters of the Mist
by Marlyn Spaaij**



**City of Dragons by
Jaimal Yogis**

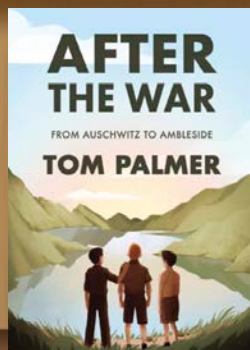


**Ghost by Jason
Reynolds**

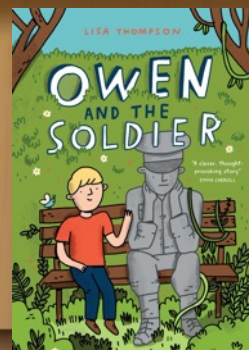
Running. That's all Ghost (real name Castle Cranshaw) has ever known. But Ghost has been running for the wrong reasons - until he meets Coach, an ex-Olympic Medallist who sees something in Ghost: crazy, natural talent. If Ghost can stay on track, literally and figuratively, he could be the best sprinter in the city. Can Ghost harness his raw talent for speed, or will his past finally catch up to him?



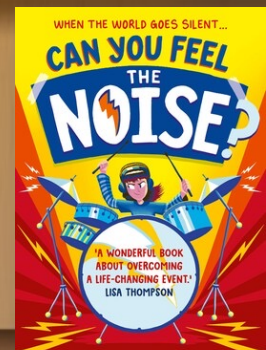
**The Kick Off by
Dan Freedman**



**After the War by
Tom Palmer**



**Owen and the Soldier
by Lisa Thompson**



**Can you Feel the Noise
by Stewart Foster**

Super Series



**Pages & Co by
Anna James**



**Twitch, Spark & Clutch by
MG Leonard**



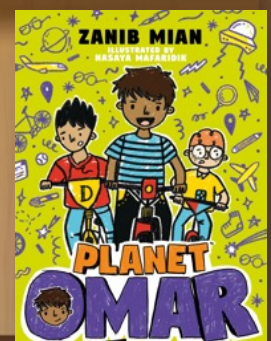
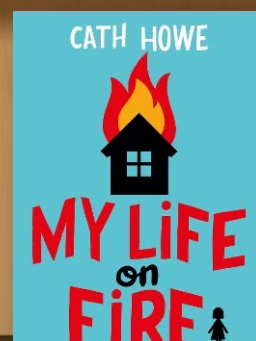
To aid his recovery from a life-threatening illness, Jordan and his family move out of the city for a healthy new start. Jordan's getting enough funny looks as the new boy at school as it is, without his Mum giving him homemade soup every day for lunch! But when Ethan meets a homeless man called Harry, and gives him the soup, it is the start of an unlikely friendship.



"The story is genuinely shivers-down-the-spine creepy."
Jennifer Killick
author of *Crater Lake*

"Spooky and thrilling - I'll be sleeping with the lights on tonight!"
Helena Duggan
author of *A Place Called Perfect*

"Captivating and gorgeously written. I was definitely bewitched!"
Michelle Harrison
author of *A Pinch of Magic*



Magicborn by Peter Bunzl

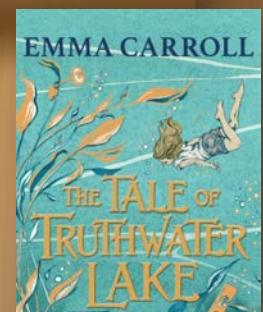
Murder in Midwinter by Fleur Hitchcock

My Life on Fire by Cath Howe

Planet Omar by Zanib Mian

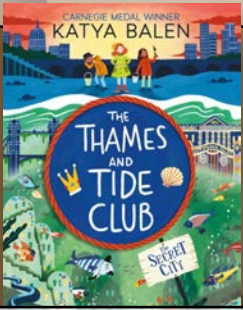
On one side of the underwater street is the remains of a house...It's beautiful here, and eerie, a lost kingdom, a ghost village...

It's the near-future and Britain is having yet another heatwave. Of course, the government have put in the normal curfews for this kind of weather, and shops are forced to shut again. For Polly, it's the sort of heat that makes her do wild, out-of-character things just to cool down. Like face her fear of deep water. Essential when she and her brother have been sent to their aunt's eco lake-side house for the summer.



The Tale of Truthwater Lake by Emma Carroll

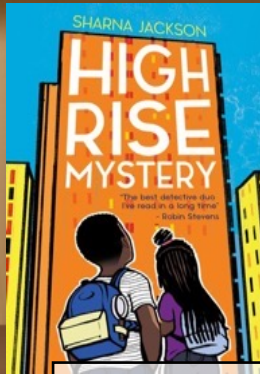
KS2 SAT Reading score of 80-90



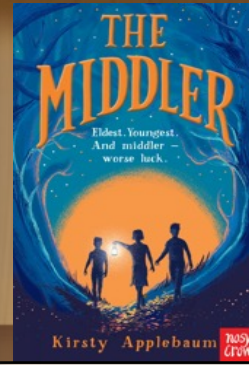
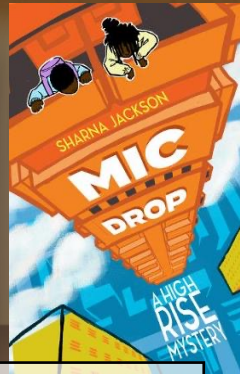
The Thames and Tide Club by Katya Balen

Clem and her friends Ash and Zara are members of the Thames and Tide Club! Every weekend they go mudlarking by the river, searching for treasures that have washed up on the shore. Clem has found old things, new things and a whole heap of rubbish. But one day, she finds something really special. Something magical that belongs in the river and must be returned to it's rightful owner, or else. Before they know it, the Thames and Tide Club are on the weirdest, wildest adventure they could possibly have imagined...

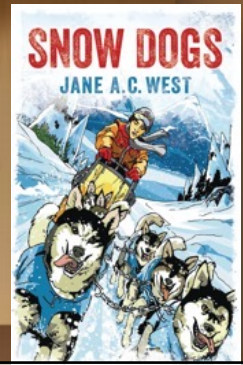
If this sounds good then you could also read...



High Rise Mystery & Mic Drop by Sharna Jackson



The Middler by Katie Applebaum



Snow Dogs by Jane West

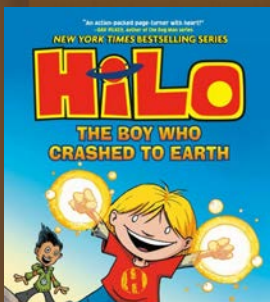
Welcome to Villain's Academy – the most prestigious villain school in the entire land. You will either leave here as a fully-formed villain...or in tatters.

It's werewolf Bram's first day at Villains Academy. He really doesn't feel like a villain at all, but the coveted 'Villain of the Week' trophy is up for grabs and Bram knows he'll have to dig deep. With the help of new friends Mona the elf-witch, Bryan the lion, Sheila the ghost and Tony the skeleton, can Bram find his inner badness and become the villain he's always dreamed of being?



The Villains Academy by Ryan Hammond

If this sounds good then you could also read...



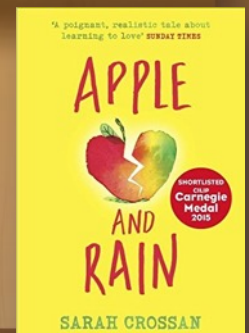
HILO: The Boy Who Crashed To Earth by Judd Winick



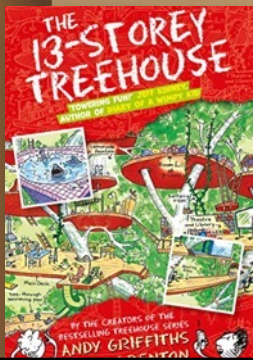
Grimwood: Let the Fur Fly by Nadia Shireen



Stalker by Helen Orme



Apple and Rain by Sarah Crossan



The 13-Storey Treehouse by Andy Griffith

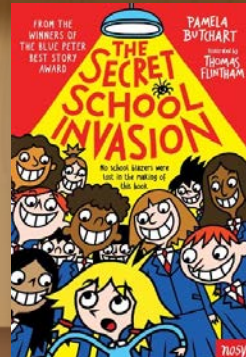
Perfect for Wimpy Kid fans, Andy and Terry have the best treehouse ever - complete with a bowling alley and a lemonade fountain! Andy and Terry are trying to work on their next book but are too busy with flying cats and sea-monkey mishaps! Can you read the whole series?



If this sounds good then you could also read...



Press Start! By Thomas Flintham

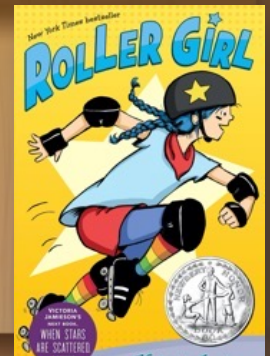


The Secret School Invasion by Pamela Butchart



Dog Man: Fetch 22 by Dav Pilkey

Astrid has always done everything with her best friend Nicole. So when Astrid falls in love with roller derby and signs up for a summer camp, she's sure Nicole will be right by her side - until Nicole signs up for ballet camp instead, with Astrid's biggest rival. So begins the hardest summer of Astrid's life, as she struggles to stay on her skates, to learn who she is without Nicole . . . and to find out what it takes to be a strong, tough, awesome roller girl.

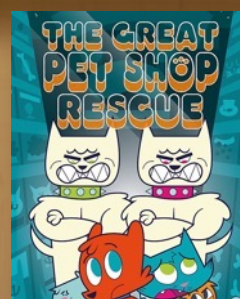


Roller Girl by Victoria Jamieson

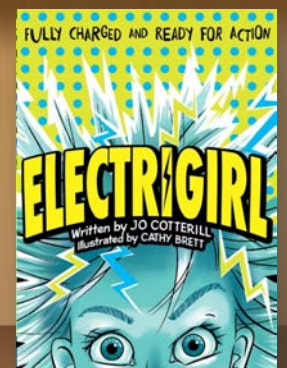
If this sounds good then you could also read...



Ghosts by Raina Telgemeier



The Great Pet Shop Rescue by Tony Lee



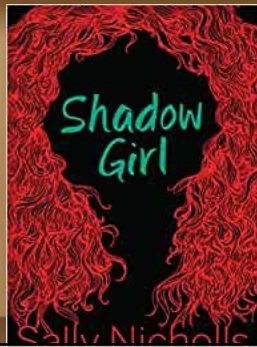
Electrigril by Jo Cotterill



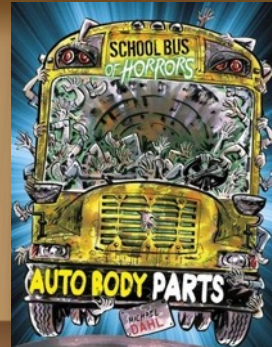
**Amelia Fang by Laura
Ellen Anderson**

Welcome to the world of Nocturnia, where darkness reigns supreme, glitter is terrifying and unicorns are the stuff of nightmares! Amelia Fang would much rather hang out with her pet pumpkin Squashy and her friends Florence the yeti (don't call her BEAST!) and Grimaldi the reaper than dance at her parents' annual Barbaric Ball. And when the King's spoiled son Tangine captures Squashy, Amelia and her friends must escape the party to plan a daring rescue! In their race against time, they begin to realise things in Nocturnia may not be quite what they seem...

If this sounds good
then you could
also read...



**Shadow Girl by
Sally Nicholls**



**Auto Body Parts by
Michael Dahl**



**Love Bites by Jo
Cotterill**

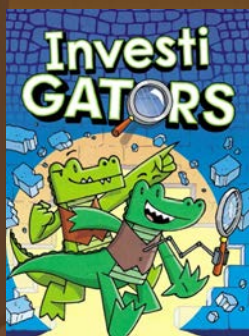
Super Series



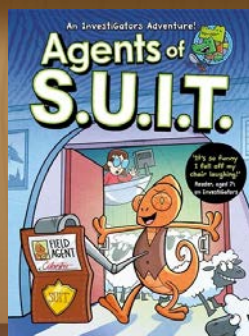
**The Caves by Benjamin
Hulme-Cross**



**Horrid Henry by Francesca
Simon**



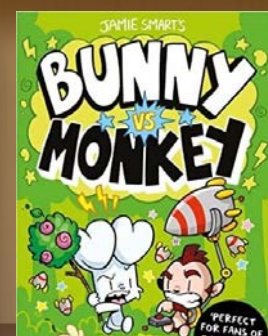
**InvestiGators by
John Patrick Green**



**Agents of S.U.I.T. by
John Patrick Green**

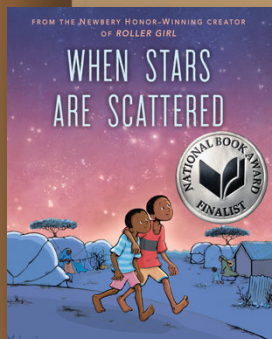


**Looshkin by Jamie
Smart**



**Bunny vs Monkey
by Jamie Smart**

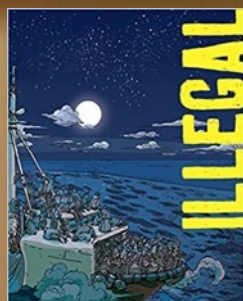
Try out a
graphic
novel



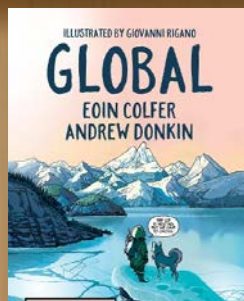
**When Stars are
Scattered by Victoria
Jamieson**

Omar and his younger brother, Hassan, have spent most of their lives in Dadaab, a refugee camp in Kenya. Life is hard there: never enough food, achingly dull, and without access to the medical care Omar knows his nonverbal brother needs. So when Omar has the opportunity to go to school, he knows it might be a chance to change their future . . . but it would also mean leaving his brother, the only family member he has left, every day. Heartbreak, hope, and gentle humour exist together in this graphic novel about a childhood spent waiting, and a young man who is able to create a sense of family and home in the most difficult of settings.

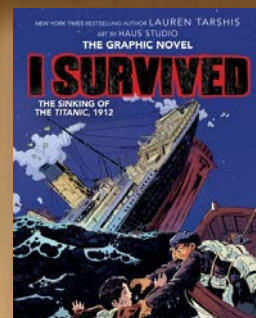
If this sounds
good you could
also try these...



**Illegal by Eoin
Colfer and Andrew
Donkin**



**Global by Eoin
Colfer and Andrew
Donkin**



**I Survived the
Sinking of the Titanic**

Pizazz is a superhero, but she hates her superpower. In fact, she hates it so much that sometimes she'd rather let the baddies win than have to use it. Compared with her superhero family, Pizazz would just much rather eat ice cream and play with her hamsters.

Yet when Pizazz becomes an eco-monitor at school, she finds out that a local business – run by the dad of one of her enemies – is planning to steamroller the nice local park and build a car park on it. Despite a disastrous initial presentation to the rather intimidating businessmen with her friend Ivy, Pizazz's Grampa helps them hatch a plan which will bring the community together to protest the new car park – and, in so doing, provide an opportunity for Pizazz to use her actually quite fabulous superpower.



Pizazz by Sophy Henn

Try the
whole
series



Welcome to Maths

This is the curriculum for the Autumn term:

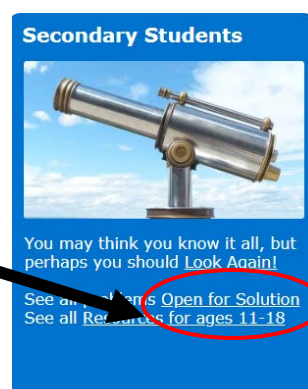
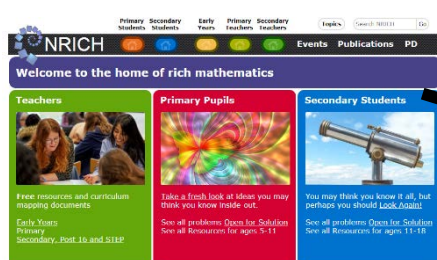
Wk	1	2	3	4	5	6	7	8	9	10	11	12	13
AUTUMN	Baseline assessment	1.1 Calculator skills	1.2 Number skills, number types and negatives.				2.1 Expressions, functions and formulae.				3.1 Analysing and displaying data		

You will begin your journey by being introduced to using a scientific calculator, including how to answer complex calculations involving powers, fractions and roots. You will then have opportunities to refresh your arithmetic, remind yourselves of the different types of numbers and become confident, and efficient, with negatives. Once you reach this point you will then begin your journey learning about algebra and how we can represent arithmetic through algebra, and how we can simplify and manipulate algebraic expressions.

Running alongside these topics will be problem solving activities designed to make you better able to tackle exam questions in the future.

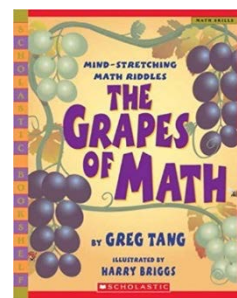
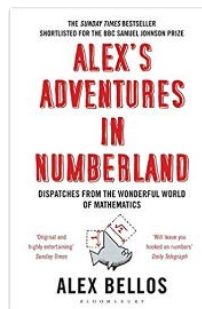
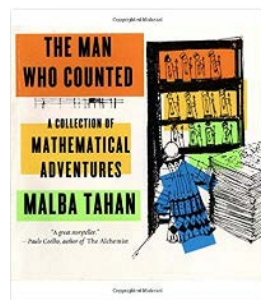
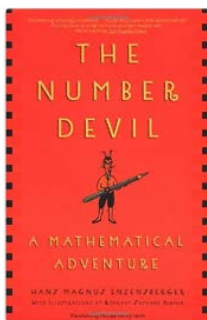
Things you can do to prepare for September:

- **Equipment** – make sure you have a pen, pencil, ruler, rubber and calculator ready. Ideally, you should have a scientific calculator, but not to worry if you already have a normal one. If you are going to get a scientific calculator, we recommend the Casio Classwiz fx-83GT X.
- **Familiarise yourself with some of the early topics**
For example: recap knowledge from primary school on adding, subtracting, dividing and multiplying whole numbers and decimals. Make sure you can remember what multiples, factors and prime numbers are.
- **Try some problem solving tasks.** A good website for this is <https://nrich.maths.org>. The 'nrich' website will make different problems available each week. You can send in your solutions – they will publish the best ones on the website!



Some interesting reading:

- The Number Devil: A Mathematical Adventure by Hans Magnus Enzensberger
- The Grapes of Math by Greg Tang
- The Man Who Counted - A Collection of Mathematical Adventures by Malba Tahan
- Alex's Adventures in Numberland by Alex Bellos



Flower Puzzle

$$\text{Red Flower} + \text{Red Flower} + \text{Red Flower} = 60$$

$$\text{Red Flower} + \text{Blue Flower} + \text{Blue Flower} = 30$$

$$\text{Blue Flower} - \text{Yellow Flower} = 3$$

$$\text{Yellow Flower} + \text{Red Flower} \times \text{Blue Flower} = ?$$

Welcome to Science!

This is the curriculum for the Autumn term:

You will be developing your working scientifically skills by planning, carrying out, concluding and evaluating a variety of exciting scientific investigations. You will also be building on and expanding your knowledge about the amazing world around you through the 'Cells and Movement' and 'Forces' and States of Matter' topics.



Things to see and do!

- Track penguins on <http://www.penguinwatch.org> or even help find the next new antibiotic <http://bashthebug.net/>
- Take time out to appreciate the world we live in. Watch the clouds float by for half an hour, watch how raindrops run together or how amazing the sunset (or sunrise) is.
- Make memories – take a picture of something AMAZING in nature seen over the holiday. Bring it in to share. Why is it so amazing?
- Try experimenting - go to <https://www.weareteachers.com/easy-science-experiments/> and try out one (or all!) of the experiments.

Recommended reads

Ada Byron Lovelace and the Thinking Machine (5+)

The story of a remarkable 19th-century female inventor who created algorithms for a machine that was a precursor to computers.

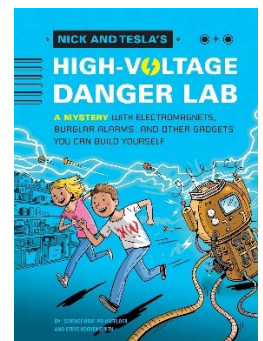


Astrotwins (9+)

Retired astronaut Mark Kelly's novel of rocketry and NASA's space programme. The story is about growing up with twin brother, astronaut Scott Kelly. The science content is rich and deep, with patient, detailed explanations.

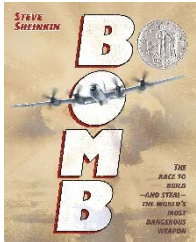
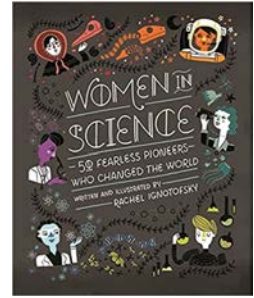
Nick and Tesla's High-Voltage Danger Lab: A Mystery with Electromagnets, Burglar Alarms, and Other Gadgets You Can Build Yourself (9+)

Spending the summer with their mad-scientist uncle, 11-year-old twins Nick and Tesla use their creativity and scientific knowledge to get out of scrapes. The book includes step-by-step instructions for building their projects.



Women in Science: 50 Fearless Pioneers Who Changed the World (10+)

This illustrated encyclopedia of women who have made important discoveries and contributions in a wide variety of STEM fields emphasises their achievements and obstacles they overcame.

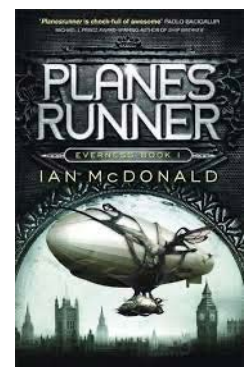


Bomb: the Race to Build, and Steal, the World's Most Dangerous Weapon (12+)

This suspenseful, detailed account of the development of the first atom bombs includes chemistry and physics. It also shows how the bomb effectively ended World War II and led to the Cold War arms race between the United States and Russia.

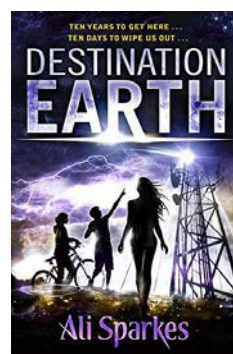
Planesrunner (12+)

A physicist is kidnapped off the streets of London, and his 14-year-old son follows his trail into another universe. The main premise in this fast-paced science fiction adventure, a multiverse of distinct universes, is based on current theories in cosmology and quantum physics.



Destination Earth- Ali Sparkes (11+)

Imagine you are the only survivor from another planet. You have spent ten long years on a spaceship, learning how to be human. Now, all you have to do is land safely, convince the earthlings that you are a real teenager and start your new life on Earth. Piece of cake! However, the killer alien responsible for wiping out your people has hitched a ride, and consequently, the human race is in terrible danger... This exciting book won the Blue Peter Book of the Year Award.



Welcome to History

This is the curriculum for the Autumn term:

- The Vikings
- Anglo Saxon England
- Battle of Hastings
- The role of the Monarch and Religion
- Changing society in the Medieval Period

In preparation, students could do the following to get a 'feel' for the Middle Ages:

Read a historical novel set in the Middle Ages. For example...

- 'The village' by Eleanor Watkins
- 'Out of fire' by Millie Pearson
- 'Crispin: Cross of lead' by Avi
- 'A midwife's apprentice' by Theresa Tomlinson
- 'The book of the Lion' by Michael Cadman
- 'Longbow' by Wayne Grant
- 'A proud taste for Scarlet and Miniver' by E. Koningburg

There are lots of Medieval sites you could research... For example...

- A medieval church/cathedral/ Southwell Minster
- A medieval castle e.g. Warwick castle
- The site of a medieval battle e.g. Bosworth

Look at YouTube clips for 'Horrible Histories Middle Ages' for a humorous introduction to the medieval period

Bring anything you learn into school in September, we would love to hear about the new things you have been working on!



Welcome to Geography

'Geography is the subject which holds the key to our future' - Michael Palin

This is the curriculum for the Autumn term:

- What is life like in St Lucia?
- What is my place in the world?

What is life like in St Lucia?

- Location of St Lucia
- Climate in St Lucia
- Tourism in St Lucia

<https://www.britannica.com/place/Saint-Lucia>

<https://www.bbc.co.uk/news/world-latin-america-19833213>

<https://www.youtube.com/watch?v=v2yRs1283UA>



Why study St Lucia?

Here at Hall Park Academy, we want to open the students eyes to Geography in the wider world, introducing them to a variety of geographical themes.

Task:

Can you label the countries on the map?

Can you find St Lucia?



What is my place in the world?

- Continents and Oceans
- United Kingdom and Great Britain
- Human & Physical Geography of the UK
- Map Skills

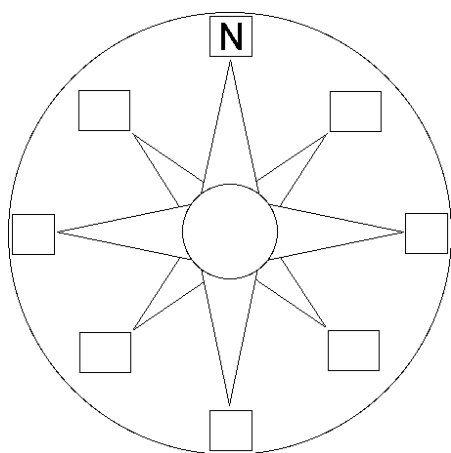
<https://www.bbc.co.uk/bitesize/guides/ztqtyrd/revision/1>

Task:

How many continents are there?

How many oceans are there?

Can you label all the continents and oceans?



The Compass:

What is a compass?

Can you complete the 8 points on this compass?
Use the 8 point compass to answer the below questions:

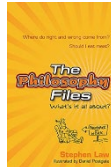
1. What direction do I need to travel from Oceania to Asia?
2. What direction do I need to travel from Africa to South America?
3. What direction do I need to travel from Africa to Europe?
4. What direction do I need to travel from Antarctica to Asia?

Welcome to Religious Studies

This is the curriculum for the Autumn term:

1. **Me and My World** (Introduction to beliefs and questions of right and wrong)
2. **Sacred Space** (Festivals and rites of passage)

Suggested reading: The Philosophy Files
by Stephen Law



Big Ideas for Curious Minds
by The School of Life



Trips with school

Y7 Sacred Space workshop at Southwell Minster

Y8 Places of worship in Derby – Mosque, Mandir and Gurdwara

Y9 Nottingham Liberal Synagogue

Places to visit with your family over the summer

Coventry Cathedral – new and old cathedrals next to each other, an amazing modern building with a story of hope and reconciliation:

<https://www.coventrycathedral.org.uk/wpsite/>

Southwell Minster – impressive old buildings, the Church of England cathedral for Nottinghamshire: <https://www.southwellminster.org/>

Holocaust Centre and Museum – exhibition and survivor talks in peaceful setting, but not suitable for some younger children: <https://www.holocaust.org.uk/>

Mosque open days <https://www.visitmymosque.org/>

Online learning

BBC Bitesize <https://www.bbc.co.uk/bitesize/subjects/zh3rkqt>

Canterbury Cathedral - UK (Christianity) <https://www.canterbury-cathedral.org/visit/information/tour/>

Golden Temple – Amritsar, India (Sikhism) <http://sgpc.net/sri-harmandir-sahib-3d-view/>

Virtual Hajj – Mecca, Saudi Arabia (Islam)

<https://www.channel4.com/programmes/the-hajj-the-greatest-trip-on-earth>

The Wailing Wall – Jerusalem, Israel (Judaism) <https://www.aish.com/w/>

The Taj Mahal <https://www.taj-mahal.net/newtaj/>

Welcome to Modern Foreign Languages

(French and German)

In the Autumn Term you will learn how to:

- say the alphabet in French / German
- pronounce words correctly using knowledge of phonics
- count up to 31 in French / German
- greet people in French / German and tell them about yourself
- say your age and birthday in French / German
- describe family, friends and pets



Useful videos:

<https://www.youtube.com/watch?v=UsEz58BblMY> (Numbers 1-20 in French)

<https://www.youtube.com/watch?v=atNkl6QFZ50> (Greetings in French)

<https://www.youtube.com/watch?v=6x0Lzvsk2LM> (Numbers 1-20 in German)

<https://www.youtube.com/watch?v=WQrHkXCMTeA> (Greetings in German)



DuoLingo is a free language-learning website and app. You can use it to learn lots of words in French and German (and many other languages!)

Recommended activities:

1. Research which countries have French or German as their official language.
2. Learn how to sing 'Happy Birthday' in French or German.
3. Look online for traditional French and German foods – is there a recipe that you would like to try?
4. Watch the Tokyo Olympics – how many French and German athletes can you spot?
5. Discover a French or German city on Google Maps – which landmarks can you visit using Street View?

Welcome to Computing and Business

This is the curriculum for the Autumn term:

Web awareness

This unit of work will give you an understanding of the fundamentals of the World Wide Web. Through a series of lessons, you will learn how the Web works, how to be safe and responsible online, gain an understanding of ethical issues surrounding the use of the Web and look at security risks and how they can be prevented. The unit of work finishes with you creating an information leaflet to give to other students to warn them of the dangers of being online.

Possible trips:

- The National Museum of Computing - <http://www.tnmoc.org/>

Useful websites:

- Risks and implications of ICT - <https://www.bbc.com/education/topics/zh3c87h>
- ThinkUKnow - <https://www.thinkuknow.co.uk/>
- BBC click - <https://www.bbc.co.uk/programmes/b006m9ry>



Try something challenging:

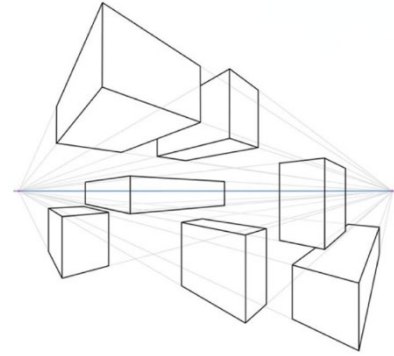
Start to look at Computer programming using the Code Academy website. At Hall Park we use Python as our chosen language. Sign up and start to look at programming using Python at your own pace.

<https://www.codecademy.com/>

Welcome to Design and Technology

This is the curriculum for the Autumn term:

- **D&T** – Material properties and graphical communication skills
- **Textiles** – Textiles design and hand skills
- **Food** – Hygiene and preparation techniques



Programmes to watch:

How to make your drawings look more like the real thing.

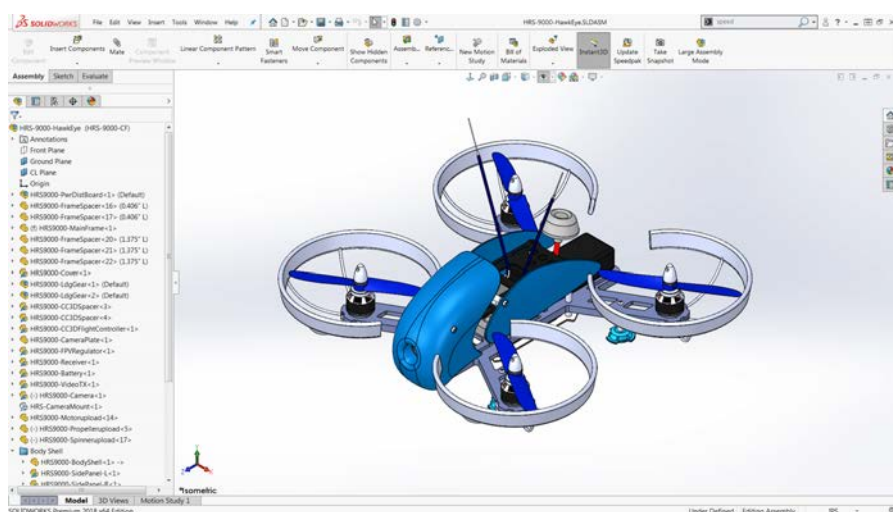
- **Producttank** <https://www.youtube.com/user/producttank>
- **How it's made** – episodes available on YouTube
- **Jimmy's food factory** – episodes available on YouTube

Activities:

- <https://www.bbc.co.uk/bitesize/subjects/zfr9wmn>
- www.technologystudent.com
- <https://www.jamesdysonfoundation.co.uk/resources/challenge-cards.html>

Free software downloads:

- 3D CAD modelling software – The school uses **Solidworks**, which students can access for free once they start the course.



- Until then **Google Sketchup** is a free online tool that works in a similar way and will give an insight to CAD and how to model (and its fun!) – <https://www.sketchup.com/plans-and-pricing#for-personal>
- Tutorials available on YouTube.

Welcome to Art

This is the curriculum for the Autumn term:

- Learn how to draw an accurate portrait
- Learn colour theory and colour mixing
- Learn how to present work in a sketchbook
- Understand and apply the Visual Elements (Line, Tone, Texture, Shape, Colour, Form and Pattern)
- Explore watercolour techniques
- Study and respond to the work of Loui Jover



Programmes to watch:

- Art and Design KS3: Various careers within the visual arts
<https://www.bbc.co.uk/teach/class-clips-video/art-and-design-ks3-what-is-art/zf99xyc>
- What is art? <https://www.youtube.com/watch?v=vKjx6PzajE>

Activities:

- Practice drawing portraits.
<https://www.youtube.com/watch?v=CjrzWYMYVQ0>
- Practice drawing facial features
<https://www.youtube.com/watch?v=wpZzbAeVxAE>
- 'Celebrity Supply Teacher' on BBC bitesize with Kaiser Chiefs Ricky Wilson –
How to use colour effectively in your artwork
<https://www.bbc.co.uk/programmes/m000k4ng>

Free photo editing apps:

Colour pop
Photo lab
Photo editor
PS express

Snapseed
Pixlr.com (for PC)
Over

Music

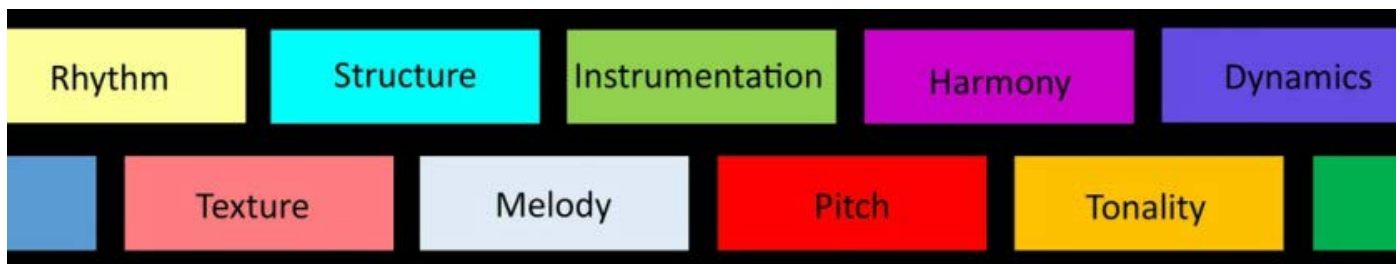
Half Term 1: Find your voice:

- Developing basic skills on the voice, keyboard, ukulele, and drum kit
- Learning about chords and chord progressions
- Performing as a group and evaluating your work



This unit aims to motivate students to sing by recreating as a whole class or small groups backing tracks to popular songs. Students learn how to vocalise basslines, chords and melodies to build a vocal performance, using the common 4-chord structure.

Half Term 2: Elements of Music



Through performance and exploration, we shall look at the key elements that make up the building blocks of music:

- Pitch, tempo, dynamics & texture and timbre.

Useful websites

- Google Shared Piano & Chrome Music Lab (free website with lots of apps for composing music): musiclab.chromeexperiments.com
- Virtual tour of the Berliner Philharmonie, home of the Berlin Philharmonic Orchestra: www.berliner-philharmoniker.de/en/philharmonie/virtual-tour
- Music theory websites (great for making a head start on reading notes on the treble and bass clefs): www.musictheory.net and www.teoria.com

Drama

This is the curriculum for the Autumn term:

Skills and Techniques

For this unit we will be learning all about drama and introducing you to vocal and physical skills, whilst learning and developing drama techniques and writing about drama.



- To develop the use of mime, thought tracking and still images
- To develop an understanding of vocal and physical skills such as pitch, pace, body language
- Pupils will understand and be able to write about drama.

Character Development

This unit is all about creating and exploring characters, both as whole class work and individually:

- To develop characters through improvisation and in role work as a whole class and in groups
- For pupils to understand, use and develop speaking and listening skills in drama including sustaining a character
- Developing skills further to include choral speaking and shared narration.

Possible activities

- Watch a play and/or write a review of one you have seen – there are currently productions available online:

National Theatre Home

<https://www.youtube.com/channel/UCUDq1XzCY0NIOYVJvEMQjqw>

The Shows Must Go On!

<https://www.youtube.com/channel/UCdmPjhKMaXNNeCr1FjuMvag>

Aladdin

<https://youtu.be/o-gLbgpzCc8>

Hotseat a member of your family to create a character from scratch

What is the character's name? How old are they? What is their job? Their biggest fear?

Welcome to PE

This is the PE curriculum for the Autumn term (sometimes this will differ slightly depending on which class you are in):

- Improving our **core movement** skills
- Developing **empathy** through Football
- Developing **collaboration** through Badminton
- Developing **resilience** through Healthy Body and Mind Activities
- Developing **innovation** through Gymnastics / Dance



Activities you could try:

- Go out for a walk or bike ride and take pictures of parts of your route that have been particularly difficult – think about how you managed to overcome these sections e.g. you had **resilience** or you were **motivated**.
- Take a family trip in the outdoors with a challenge to follow a map and work together to develop **collaboration** skills.
- Develop **innovation** by trying new sports and finding different solutions to challenges.
- Create a movement sequence at home where you **creatively** travel from one space to another.
- Play games with family and friends in the park and be **resilient** when or if you lose.
- Try a new exercise activity, which moves your body in an unfamiliar way and allows you to experience **body management**.
- **Play** some of the activities above if you have the opportunity.
- **Watch** live performances, TV, or YouTube clips of the sports above to get a sense of what these activities involve.
- **Research** the basic rules of the sports above.



NOTES

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.