

## Literacy

This half term, we will be writing action stories based on the novel, Varjak Paw by S.F. Said. Our reading lessons will involve delving deeper into the character of Varjak to understand why he is so eager to venture into the outside world. In Autumn 2, we will be reading Charlie and the Chocolate Factory by Roald Dahl. Our reading lesson will look at how Charlie and his grandad join a small group of contest winners who get to tour the magical and mysterious factory of eccentric chocolatier, Willy Wonka.

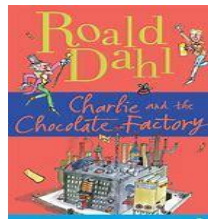
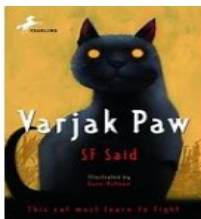
## Maths

A huge focus throughout our Maths lessons will be learning and recalling the multiplication and division facts for all of the times tables up to 12 x 12. We will be learning how to multiply by 10 and 100, explaining what happens to the digit when we do this. We will also be looking at methods to strengthen our mental arithmetic, using our number bonds where possible. By the end of the year, pupils should be able to recall all of these facts with speed and accuracy. Let's get practising, Year 4!

## Science

Our Science topic throughout the whole Autumn Term is materials. Each lesson will involve a practical activity or experiment, such as comparing conductors and insulators, investigating the properties of plasticine and testing the hardness of different materials. We will be studying the importance of both materials and we use them in everyday life including the materials printed by our 3D printer! We will learn how to make predictions and analyse our results.

# Year 4 Autumn



## R.E

During Autumn 1, Pupils will explore the differing stories of creation, the story of Adam and Eve and the importance of 'the fall' for Christians. Pupils will also learn about the Christian belief that God always offers forgiveness, as well as discover what stories in the Bible say about human beings. In Autumn 2, pupils will explore the teachings of John 1, study Jesus' birth according to the gospels of Matthew, Luke and John and investigate the concepts of Incarnation and the Trinity.

## Art and Design

In Autumn 1 we will be creating Alpaca-themed slippers. These will need to be carefully designed and stitched for suitable wearing.

In Autumn 2, the children will be designing and creating their own Mayan masks ensuring to consider its purpose and functionality.

## PSHE

This Autumn term, we will be discussing British Values and the wider world. We will look at how citizens can influence decision making and tolerate different faiths and beliefs.

## Computing

We will use databases and spreadsheets to organise the logistics of owning alpacas. We'll write formula to calculate costs and keep to budget, setting criteria to make sure they are correctly fed and exercised. We'll then use Tinkercad to design a 3D alpaca model (with moving parts) which will be printed on our 3D printer!

## Humanities

Our topic work during Autumn 1 will have a Geography focus, as we learn about the wonderful world of alpacas. Not only will the children be able to visit the alpacas at St Saviour's Forest School, they will also learn how to look after them from an expert! We will then move on to explore South America as a continent. In Autumn 2, we will be travelling back in time to the ancient Mayan cities with towering pyramids, saunas, monumental sculptures, and enigmatic hieroglyphs. We will also have the chance to discover how chocolate was an important part of Mayan culture!

## P.E

This term we will learn and play the team sports of, basketball and football. We will practice our spatial awareness and passing skills. We will then explore fitness and dance.

## Music

We will start this term, by exploring classical music and its history. We will then begin exploring and experimenting with combining elements.

## French

Our Autumn term will start with animals and habitats. We will be able to name a variety of habitats and describe the plants and animals that live there. We will then move onto sharing information for example, my age or my nationality.

## Literacy

In Spring 1, we will be setting off with Hiccup and Toothless on wild adventures in How to Train Your Dragon! We will extend our descriptive language and sentence construction to bring the characters and the setting to life in our writing. For Spring 2 we will be crash landing in the Amazon and fending for ourselves in The Explorer. We will also have non-fiction texts to support our learning based on the Vikings and an exciting diary of an expedition into the Amazon.



## R.E

In Spring 1, pupils will learn about the teachings of Hinduism and begin to understand what Hindus believe in, as well as explore the different forms of the Hindu God. Pupils will also look at how Hindus show respect to God and endeavour to live a good life. In Spring 2, pupils will be digging deep into Salvation and what this means for Christians.

## Art and Design

In Spring 1, as part of our Topic, we will be experimenting with the medium of pastels in order to create portraits of Vikings.

In Spring 2, we will be becoming Eco-Warriors by recycling materials to create our own selfie frames using the quilling.

## PSHE

We will be looking at our British values, how to treat each other respectfully with anti-bullying and how to look after ourselves with healthy eating!

## Computing

We will also be writing code to create our own game based on critter catching! We'll use Tinkercad software to design different 3D animal models and print these using the 3D printer.

## Humanities

Spring 1 takes us back in time to meet the Vikings! We will be exploring where they came from and why they invaded. Looking at different perspectives, we will explore stereotypes and opinions on raids. We will also be investigating how and why trade was so important to them.

In Spring 2, we will be locating and examining rainforests around the world. Revisiting South America once more, we will dive into the world's largest and most biodiverse rainforest - The Amazon Rainforest - and explore the cultures and tribes that call it home.

## P.E

This term, we will be developing our swimming skills and strokes. We will also be developing our tag rugby skills and teamwork.

## Music

This term, we will be exploring Persian music. We will then move onto exploring and experimenting with Pulse and Groove.

## French

In French we will be learning about family names and relations. We will be able to ask and answer questions about ourselves.

## Maths

Throughout the Spring term, we will be focusing on the place value of numbers, using written and mental methods for all four operations and solving problems involving fractions. We will add and subtract mentally pairs of two digit numbers and find a difference by counting on. We also be looking at multiplying and dividing a one digit number by a two digit number. Keep logging on to TTRockstars website at home to practise your times tables knowledge.

## Science

We will be using the force this term as we're learning about gravity, rockets, parachutes and magnetism! We will have the chance to study the amazing scientists Sir Isaac Newton and his contribution to understand the world around us. We will delve further into understanding forces of attraction, gravitational pull and matter and engage in a range of fun and practical experiments.

## Literacy

In Summer 1, we will be going on a journey with Ruskin Splinter who dreams of being a great actor.

Unfortunately, the school bully seems to get in his way but Ruskin soon finds solace with the kind school caretaker. Will Ruskin be able to prove to the street that he really is a hero?

Spring 2 will take us on a magical journey to Narnia with four new friends: Peter, Susan, Edmund and Lucy! We will challenge ourselves to describe this enchanted setting and create an informative guide for anyone who may stumble through a wardrobe of their own!

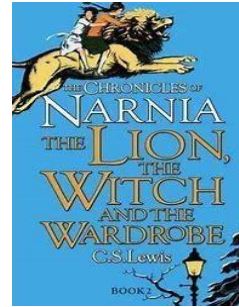
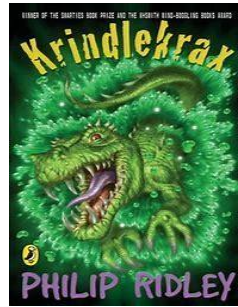
## Maths

Throughout the Summer term, we will be focusing on fractions and their equivalences. We will also be solving word problems involving fractions and inverse operations. We will then move onto looking at negative numbers, counting backwards and solving multi step problems with involving differences. Keep logging on to TTRockstars website at home to practise your times tables knowledge.

## Science

This Summer term, we will be learning all about human health and fitness. By exploring how exercise affects our heart rate and breathing we will understand the functions of different organs in our body and how we can keep them healthy. We will have the opportunity to engage in a range of fun and practical experiments to test predictions and variables.

# Year 4 Summer



## R.E

For the Summer term, we will be learning about Sikhism. We will look at the 5 K's of the Sikh belief and how they contribute towards spirituality and faith. We will also be gaining a deeper understanding into the concept of Pentecost and the role of Jesus in Christianity.

## Art and Design

In Summer 1, we will be investigating various mechanical systems and then engineering our own Millennium Eye using CAD to design and manipulate. Once printed, our challenge will be to add an electronic component! In Summer 2, we will be creating our very own exiting Norman coat of arms, to symbolise key elements associated to our family and heritage.

## PSHE

This term, we will be looking at how to build positive relationships and work collaboratively with others. We will also be looking at the effects of stereotyping and how we can overcome this to become better people in this world.

## Computing

This term, we will be focussing online safety and creating our our Google websites to teach others about the importance of staying safe online. We'll develop our 3D design and printing skills further as we design our own 3D chess sets, print these on our 3D printer and use them to hold a friendly chess game with our friends.

## Humanities

In Summer 1, we will be looking at planetary position in relation to the equator as well as exploring latitude and longitude. We will also explore how time zones relate this. In Summer 2, we will be exploring the amazing Norman society and their contributions to the world. We will then move on to exploring the Battle of Hastings and how it contributed significantly to British history.

## P.E

We will develop the key skills required for tennis such as the ready position, racket control and forehand and backhand groundstrokes. We will learn how to score points and how to use skills, strategies and tactics to outwit the opposition.

## Music

In music this term, we will be exploring music in communities then moving onto our world vision project.

## French

This term in French we will be learning about weather and how to hold a conversation at a café.