

Year 6

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	WW2	War	River and South America		The Romans	
Science	In this topic, the children will learn that light travels in straight lines and understand how this allows us to see objects. They will also use this to understand how shadows are formed.	In this topic, the children will identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. They will understand the impact of diet, exercise, drugs and lifestyle on the way their bodies function.	In this topic, the children will describe how living things are classified into broad groups including micro-organisms, plants and animals. They will also give reasons for classifying plants and animals based on specific characteristics.	In this topic, the children will learn that living things have changed over time and that fossils provide information about living things. They will recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. They will identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.	In this topic, the children will learn to associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. They will compare and give reasons for variations in how components function in a circuit.	In the summer term the children will focus on the skills of working scientifically. They will plan different types of enquiry to answer their own questions. They take measurements and record data in different ways. They will then report and present their findings.
History	In this topic, the children will learn about WW2 and the impact it had on normal people. They will consider war on the home front, including the evacuation of children and rationing. They will also consider the wider impact on the war and learn about the holocaust.	In this topic, the children will consider the concept of war and look at the fact that conflict has been a key feature in many periods of history. They will consider the main reasons for war including religion, land, politics and resources. They look at modern day conflict and how this has changed before learning about conflicts that are occurring now and the impact that they have.			In this topic, the children will look at the Roman Empire. They will look at the reasons behind the Julius Caesar invasion of Britain and relate this to their work on the Celts back in year 3. They will learn about Boudicca and her rebellion. Finally, the children will compare the Romans to the Greeks and decide who were the most advanced.	
Geography			In this topic, the children will learn about rivers. They will learn about their key features and impacts that they have had upon settlements. They will consider the impact on flooding on people and look at ways in which environmental agencies are working to combat this. They will also study the River Amazon.	In this topic, the children will learn about lines of longitude and latitude and understand that these are a measure of a place's location on the planet. They will locate places in both North and South America and plan a journey that would cross both continents. They will consider the places of interest along the way and the time zones they would cross.		
ICT	In this topic, the children will program using Scratch. They will effectively use variables, operators, broadcasts, inputs, sprite centre,	In this topic, the children will program a 'shooting' game using all the elements of	In this topic, the children will use Microsoft Publisher to create a webpage related to their current topic. They will	In this topic, the children will learn about online safety in relation to the rules, safety measure and potential dangers surrounding social media. They will create an	In this topic, the children will program the Spheros to travel around a city. They will spin, roll and move the Sphero and program the	In this topic, the children will apply their knowledge of programming Spheros to a robot wars challenge. The children will design a battle bot that can be attached to the Sphero

	costume effects, draw tools and clones.	Scratch they have been taught previously.	include a home page, tab bar and insert hyperlinks.	information leaflet displaying this information in Publisher.	angles through which it turns.	and program it to go through an obstacle course.
DT	In this topic, the children will build upon their work in Science on light to design and build a periscope. They will measure angles accurately and then construct products using various joining techniques.	In this topic, the children will create a wooden puzzle to support their work in Science. They will design a product to fit a given brief and will use a saw and vice accurately.	In this topic, the children will make muffins. The children will learn to measure and prepare ingredients, whilst applying basic food hygiene principles.		In this topic, the children will use their knowledge of electrical circuits to design and build a fan boat. They will investigate streamlining and build a prototype. They will then modify their designs before designing their final product.	
PE	Baseline assessment Invasion Games Swimming	Athletics Invasion games Swimming	Gymnastics Invasion games	Gymnastics Invasion games	Net and wall games Striking and fielding	Athletics Net and wall games
Art	In this topic, the children will combine a variety of techniques to produce a blitz inspired picture. They will choose which medium to use and combine different medium to create different effects.		In this topic, the children will consider the messages that can be given through art. They will build upon their existing sketching skills and learn how to create shade and tone using pencil strokes.			In this topic, the children will learn about the art of the artist Banksy. This will begin to understand how environmental and political views can be expressed through art. They will then design their own piece of work to convey a message using a medium of their choice.
Music		In this topic, the children will prepare for their Christmas performance. They will learn to perform songs in various different styles.			In this topic, the children will describe the style and structure of a piece of music as well as the message behind the music. Charranga: You've got a friend.	
RE	In this topic, the children will learn how Christians and Buddhists live their lives. They will begin to understand why it is important to have personal heroes. They will learn the importance of the Buddha and consider how Buddhists try to follow the Buddha's example.	In this topic, the children will learn the difference between the sacred and secular Christmas. They will consider what a Christian thinks Christmas should be about and discuss if Christmas should be banned for people who are non-Christians?	In this topic, the children will learn how Christians and Buddhists express their faith in art, drama and song. They will consider why people of faith use art, drama and song to enrich their religious experience.	In this topic, the children will discuss if and how the life of Jesus is relevant today. They will explore why Christians remember Jesus particularly at Easter.	In this topic, the children will consider what God might be like and discuss what Christians believe about God. They will also look at concept of responsibility and learn what Christians believe about the Relationship between humans, their environment and other living creatures.	In this topic, the children will consider if desire can cause suffering. They will discuss why there is suffering in the world and consider how you overcome evil and promote goodness.
PSHE	In this topic, of work the children will learn about health and wellbeing. They will set goals and have aspirations. They will recap the changes that happen during puberty and consider the roles and responsibilities of parents. They will learn about the media and how this can make people feel.	In this topic, of work the children will learn about health and wellbeing. The children will learn that as they gain independence they have increased responsibility. They will learn how to keep safe by resisting pressure. They will know that they have a right to protect their body and learn who is responsible for their health and where they can get help.	In this topic, if work the children will learn about relationships. The will learn about healthy and unhealthy relationships and how to maintain relationships. They will learn about personal boundaries and the right to privacy.	In this topic, of work the children will learn about discrimination and stereotypes and bullying and how to challenge the,	In this topic, of work the children will learn about living in the wider world. They will understand their rights and British law. They will learn to be objective when listening to stories in the media and make informed decisions about what they pass on.	In this topic, the children will focus on their place within the wider world. They will look at their transition and understand that they will be moving into another community. They will learn about the different support networks that are available to help people. They will look at enterprise schemes that can be developed to fulfil needs in the community.

Spanish	In this topic, the children will learn to ask what the time is and tell the time to the nearest hour.	In this topic, the children will learn the names of different rooms in the house and will ask basic questions about this.	In this topic, the children will learn about everyday sports and the equipment related to this. They ask simple questions relating to this.	In this topic, the children will learn about the fairground and will learn to give their likes and dislikes.	In this topic, the children will learn to order simple meals and buy simple snacks.	In this topic, the children will revisit all of the content covered this year.
Events/ visits			River Study Sarehole Mill			Residential