

Galtres Class - Year 3 and 4

2018-19							2019-2020					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	Super humans	Time traveller - Romans	Around the world in 30 days.	Victorians	Lets grow.	Amazing World	May the force be with you?	How ancient are we?	Amazon	Healthy me.	Light and dark.	Rocky road.
Science	<p>We are learning about Teeth, The human skeleton, muscles, digestive system and sound.</p> <p>□ describe the simple functions of the basic parts of the digestive system in humans □ identify the different types of teeth in humans and their simple functions □ construct and interpret a variety of food chains, identifying producers, predators and prey.</p>	<p>We are learning about sound.</p> <p>□ identify how sounds are made, associating some of them with something vibrating □ recognise that vibrations from sounds travel through a medium □ find patterns between the pitch of a sound and features of the object that produced it. □ find patterns between the volume of a sound</p>	<p>We are learning about chemical reactions and states of matter.</p> <p>□ compare and group materials together, according to whether they are solids, liquids or gases □ observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this</p>		<p>We are learning about plant nutrition. Plant requirements for life and their lifecycle .</p> <p>□ identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers □ explore the requirements of plants for life and growth (air, light, water, nutrients from</p>	<p>We are learning about the best habitats across the world.</p> <p>□ recognise that living things can be grouped in a variety of ways □ explore and use classification keys to help identify and name a variety of living things in their local</p>	<p>We are learning about Electricity, forces and magnets</p> <p>□ identify common appliances that run on electricity □ construct a simple series electrical circuit, identifying its basic parts, including cells, wires, bulbs, switches and buzzers. □ identify whether or</p>	<p>We are finishing Forces and magnets. Learning about the Mummification process.</p> <p>□ recognise some common conductors and insulators, and associate metals with being good conductors. compare how things move on different surfaces □ notice that some forces need two objects, but magnetic forces can act at a distance</p>	<p>We are learning about Animals of the Amazon and their habitats.</p> <p>□ identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition</p>	<p>We are learning about why do our bodies need healthy food? What foods are healthy?</p> <p>□ identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition</p>	<p>We are learning how to do experiments with light and dark. Moon phases, solar system. How light travels.</p> <p>□ recognise that they need light in order to see things and that dark is the absence of light □ notice that light is reflected from surfaces</p>	<p>We are learning about rocks and fossils. How are fossils formed? Making your own compost. What are the rock types? □ Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties □ describe in simple terms how fossils are formed when things that have lived are trapped within rock □ recognise that</p>

		<p>and the strength of the vibrations that produced it.</p> <p>□ recognise that sounds get fainter as the distance from the sound source increases.</p>	<p>happens in degrees Celsius (°C)</p> <p>□ identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</p>		<p>soil, and room to grow) and how they vary from plant to plant</p> <p>□ investigate the way in which water is transported within plants</p> <p>□ explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.</p>	<p>and wider environment</p> <p>□ recognise that environments can change and that this can sometimes pose dangers to living things.</p>	<p>not a lamp will light in a simple series circuit, based on whether lamp is part of a complete loop with a battery</p> <p>□ recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.</p>	<p>□ observe how magnets attract or repel each other and attract some materials and not others</p> <p>□ compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials</p> <p>□ describe magnets as having two poles</p> <p>□ predict whether two magnets will attract or repel each other, depending on which poles are facing.</p>		<p>from what they eat</p> <p>□ identify that humans and some other animals have skeletons and muscles for support, and movement.</p>	<p>□ recognise that light from the sun can be dangerous and that there are ways to protect their eyes</p> <p>□ recognise that shadows are formed when the light from a light source is blocked by an opaque object</p> <p>□ find patterns in the way that the size of shadows change.</p>	<p>soils are made from rocks and organic matter.</p>
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History		<u>Romans</u> The Roman Invasion and the impact on Great Britain. Settlements. How they have impacted on York.		<u>Timeline</u> How did life change for children? Life in Victorian times.		<u>Seaside towns.</u> How coastlines have changed over time?		<u>Ancient Egypt.</u> Who were the Egyptians? What impact have they had?	<u>Amazon</u> How has the Amazon changes over time?	<u>Lifestyles in the past.</u> Has what we eat changed over time?	<u>Light and shadow in the past.</u> What has light been used for in the past?	<u>Archaeologists.</u> Mary Anning archaeologist. Pebble in my pocket book - timeline.
Geography		Name & locate major Italian cities Know key physical & human features Understand the differences & similarities between the UK and Italy Use atlases & globes to locate countries Plan route from UK to Italy. Linked to Romans.	Local and physical geography. Volcanoes and earthquakes.		Where do plants grow? What do that need from the environments that they are in?	Maps, atlas, compass. Orienteering. Coastlines now and then.		Where is Egypt? What does it look like? What is the weather like and why?	Human and physical geography. Similarities and differences with the UK. Deforestation Weather patterns in the Amazon.	Where does the food we eat come from?		Fossils What are they? Where are they found? Erosion of rocks, how it occurs?
PSHE	E-Safety	Me and my Relationships	Cyber bullying		Healthy lifestyle	Moving on	E - Safety		Keeping safe.			My future
Music	Rhythm	Christmas carol concerts.	Instruments		Reading music.	End of year play.	Instruments	Christmas carol concerts.	Calypso	Famous musicians		End of year play.
Art	Clay modelling faces	Roman Architecture	Volcano modelling	Design a Victorian toy	Landscapes	Art around the world.	Monet	Egyptian masks	Animal art, patterns and textures.	Still life	Shadow pictures and animations.	Clay fossils Making rock cakes.

MFL	Intro Greetings -Body parts		Food		Weather		Family		Animals		Sports	
DT		Design and make a Roman shield.		See Art. Make a Victorian toy.	Making using things we have grown.			Design and make Egyptian masks.	Design and created a carnival headdress.	Planning and cooking healthy meals.	Design and make a light box.	
RE	<u>Christianity</u> Understanding Christianity: What do Christians learn from the Creation story? The Christmas Story		<u>Islam</u> What can we learn from stories shared by Christians & Muslims Why do Christians and Muslims love their sacred places?		<u>Hinduism</u> How and why do Christians and Hindus see life as a journey? The Easter Story - Four Momentous Days Why do Christians call the day Jesus dies, Good Friday?		<u>Gods</u> How do people express their ideas about God? (Christian Faith through Art)		<u>Christian celebrations</u> Advent and Christmas around the world. What kind of world did Jesus want? The Easter Story What is it like to follow God?		<u>Festivals</u> What festivals do other religions celebrate? What does it mean to be a Sikh?	
ICT	<u>Internet Safety</u> use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.		<u>The internet</u> understand computer networks including the internet; how they can provide multiple services, such as the world		<u>Debugging</u> □ design, write and debug programs that accomplish specific goals, including controlling or simulating physical		<u>Searching for information.</u> use search technologies effectively, appreciate how results are selected and ranked,		<u>What happens next?</u> Predict then test sequences of instructions to navigate a floor map Use simple		<u>Programming</u> design, write and debug programs that accomplish specific goals, including controlling or	

			<p>wide web; and the opportunities they offer for communication and collaboration</p>		<p>systems; solve problems by decomposing them into smaller parts □ use sequence, selection, and repetition in programs; work with variables and various forms of input and output.</p>		<p>and be discerning in evaluating digital content □ select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p>		<p>instructions in a Logo program Use time lapse techniques with a video camera in order to investigate questions</p>		<p>simulating physical systems; solve problems by decomposing them into smaller parts</p>	
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PE	Provided by total sports and Mr Warriner.											
Trips	Visit from the dentist.	The dig		Ryedale folk museum		Seaside visit	Eureka		Tropical world Journey to the river sea book.	Visit from dietician.		Field trip to look at rocks.