



Key Knowledge and Skills

Year 4 Autumn 2

This half term in years 3 & 4, we will be reading 'The Iron Man' by Ted Hughes.



Key knowledge and skills	Key vocabulary
Science We will be learning about electricity this half term - Many household devices and appliances run on electricity. Some plug in to the mains and others run on batteries. - An electrical circuit consists of a cell or battery connected to a component using wires. - If there is a break in the circuit, a loose connection or a short circuit, the component will not work. - A switch can be added to the circuit to turn the component on and off. - Metals are good conductors so they can be used as wires in a circuit. - Non-metallic solids are insulators except for graphite (pencil lead). - Water, if not completely pure, also conducts electricity.	Electricity, electrical appliance/device, mains, plug, electrical circuit, complete circuit, component, cell, battery, positive, negative, connect/connections, loose connection, short circuit, crocodile clip, bulb, switch, buzzer, motor, conductor, insulator, metal, non-metal, symbol
Computing We will be learning about how to use code to control - Logo is a text-based coding language used to control an on-screen turtle to create mathematical patterns. - There is a structure when using the coding language of Logo. - Simple instructions are inputted in Logo. - Debugging is the process of identifying and removing errors from computer hardware or software. - LOGO Commands (e.g FD, BK, RT, LT) A list of commands inputted into 2Logo to move the turtle around the screen.	Logo Grid Debugging Command Grid Pen up/down
Geography We will be learning about geographical similarities and differences of a region of the United Kingdom and a region in a European country. London and Rome have a variety of similarities and differences.	physical geographical features, human geographical features,



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- There are a variety of physical and human features in each region. - A physical geographical feature is natural and not man-made. A human geographical feature is man-made.	similarities, differences, London, Rome, capital city
Art We will be learning about printing - Sculptures can be created from my observations and drawings. - A variety of natural, recycled and manufactured materials can be used for sculpting, e.g. clay, straw and card. - Different materials can add texture, line, form, pattern and shape.	Sculpture Statue Model 3D Carving Joining Natural Texture Pattern Shape
D.T. In D.T. we will be learning to make a torch using electrical components. - Electrical conductors are materials which electricity can pass through. - Electrical insulators are materials which electricity cannot pass through. - A battery contains stored electricity that can be used to power products. - An electrical circuit must be complete for electricity to flow. - A switch can be used to complete and break an electrical circuit.	battery bulb buzzer conductor circuit circuit diagram electricity insulator series circuit switch component design
R.E. In R.E. we will be asking how God impacts our lives - Most Christians refer to Jesus as 'Saviour'. - The nativity story teaches Christians about Jesus. - Immanuel means God is with us.	Saviour Immanuel
P.S.H.C.E. In P.S.H.C.E. we will be thinking about who are trusted adults are and how we can stay safe. - Able to respond safely to and appropriately to adults who they do not know. - Tell someone if a stranger, online and in person, tries to contact them or makes them feel uncomfortable.	Trusted adults Strangers Contact
French In French we will learning how to say simple sentences about ourselves and school	Regardez- look Ecoutez- listen Répétez- repeat



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Phonics: • “ez” (regardez, écoutez) • “an” (chantez, boulangerie) • “ous” (vous, boulangerie, trouvez) Facts: In English we have borrowed some French nouns for places in town e.g. café, cinema, restaurant Grammar: When a noun begins with a vowel and it is being used with “le” or “la” then the vowel at the end of “le” or “la” is replaced with an apostrophe e.g. l’école Question and answer bank: Où est..? Where is...? Voici- here is...	Levez- vous- stand up Asseyez vous- sit down Comptez avec moi- count with me Chantez avec moi- sing with me Trouvez moi- find me Montrez moi- show me Le café- café Le cinéma- cinema Le restaurant- the restaurant Le supermarché- supermarket Le stade- the stadium La boucherie- the butchers La boulangerie- the bakers La pâtisserie- the cake shop La pharmacie- the chemist L’école- the school
Music In music, we will be singing a variety of Christmas songs together as a group, focusing on melody and dynamics.	Melody Pitch Steady beat Dynamics
P.E. Our unit this half term are dance and football.	Movement Persevere Negotiate Dribble Pass