Merton Bank Autumn 1 Plan - Year 4

Subject	National Curriculum	Activities
History	N/A – Geography based term	
Art	Weaving and joining fabrics in different ways. Begin to use running stitch accurately with a pre-threaded needle. Joining fabrics in a range of ways taking into account texture and colour for purpose. Begin to thread a needle and knot the end. To develop running stitch and begin to use back stitch. Explain choices of tools / materials using annotation reflecting on prior knowledge / experimentation Annotation preference notes give reasons and show progression as a result.	Rainbow Art Project Creating a class display
Computing	1. To identify key words to use when searching safely on the World wide Web 2. To think about the reliability of information I read on the World Wide Web. 3. To create a hyperlink to a resource on the World Wide Web 4. To tell you how to check who owns photos. Text and clipart 5. To tell you whether a resource I am using is on the internet, the school network or my own device. 6. To begin to communicate online in different ways. Email • Know that electronic mail is a service between connected computers • Know that the components of an e-mail address are e.g. @, .info, .com, .org • Know not to give out personal data e.g. address, phone number • Know never to agree to meet anyone you've met online • Know never to send anything without permission from your teacher or parents • Know to tell someone if an e-mail makes you feel uncomfortable Internet • Understand what cookies are and what a URL is • Know how to copy images from an internet page • Know how to access online – dictionaries, word searches, thesaurus	Exploring internet Exploring email

Geography	Locate countries, using maps to focus on Europe (incl. Russia) concentrating on environmental regions, key physical/human characteristics, countries, and major cities. Use maps atlases globes & digital/computer mapping to locate countries and describe features studied.	Decide on the next Olympic host city Explore different major cities in different European countries Debate Write a letter to the Olympic Committee
DT	Gather information / research to inform their design and make sure it will be fit for purpose. Model ideas using prototypes to meet an agreed design criteria. Meets their own design criteria. Can list and follow their own safety procedures once checked by adults. Uses measuring skills to inform and aid their joining and assembling techniques. Evaluate their ideas and products against a design criteria and consider the views of others to improve their work. Talk about improvements that were made in the making process. Adding circuits, bulbs and switches to a design.	Create a city skyline with a bulb and switch
Science	**Plants** • Can identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers. • Can explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from • plant to plant. • Can investigate the way in which water is transported within plants. • Can explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. **Digestive system** • Can describe the simple functions of the basic parts of the digestive system in humans. • Can identify the different types of teeth in humans and their simple functions. • Can construct and interpret a variety of food chains, identifying producers, predators and prey.	Explore different parts of plants Drama/action to remember seed dispersal Teeth and sugar experiment Create a human digestive system
Music	• Rehearse and sing a song they have written. • Sing confidently, accurately and with an awareness of the audience. • Learn and perform a song with confidence and accuracy and memorised lyrics. • Play an instrumental accompaniment part on pitched percussion (glockenspiel), keyboards and own instruments during the instrumental part of a song. • Listen to a variety of songs and compositions, and each other's song verses. • Listening back to own an others work and giving feedback. • Listen to each other's improvisations and also to a variety of improvised music.	Weekly Ukulele lesson Artist of the month Artist of the week
PE	Identify specific changes throughout exercise and use correct vocabulary, heart rate, pulse, blood pumping/flowing etc. Identify basic muscle groups. Understand importance of warming up and cooling down/remember to do so. Begin to understand why keeping fit is good for health and discuss opinions on a healthy active lifestyle.-Can explain a variety of safety rules across physical activity in general.	Fitness Circuit exercises Exploring health and well-being

PSHE	Follow school rules about health and safety, basic emergency aid procedures and where to get help Begin to make responsible choices and consider consequences Recognise the need to ask for support sometimes and whom to ask and how Continue to value contributions of others Continue to develop negotiating strategies & know when to compromise Understand why rules are needed and that there are consequences when rules are broken Understand that there are responsibilities as well as rights Use different ways to communicate and express personal and group views about an issue Behave safely and responsibly in different situations Extend strategies to cope with risky situations and personal safety	Introduction Y4 rules Keeping safe (E-safety) Rights and responsibilities in the classroom
RE	Explore teachings about good and evil in the story of Rama and Sita Describe what moral guidance Hindus might gain from the story of Rama and Sita Make links between the actions of Rama and the belief that he is an avatar of Vishnu, appearing on earth to destroy evil and uphold Dharma Use subject specific language to describe how and why Hindus celebrate Diwali Explain the importance of light in the Diwali celebrations, and how this is a symbol of good overcoming evil Discuss (with relevant examples) the importance of the belief that good overcomes evil Suggest people, words or stories that might be inspiring when trying to overcome difficulties in life Reflect on their own concept of 'goodness' Discuss what gives them hope during difficult times	Explore the Story of Rama and City Make links with doing the right thing Discuss personal experiences of good overcoming evil