Charlton Mackrell C of E Primary School Curriculum Coverage – KS2

Science Objectives	2018 -2019			2019 - 2020			2020 - 2021		
	British History	Chocolate	World of World	Our Environment	People in the Past	Skills for Life	Food and Farming	British Values	Creativity and Art
LKS2 Working Scientifically									
Y3 Plants									
Y3 Animals including humans									
Y3 Rocks									
Y3 Light									
Y3 Forces and magnets									
Y4 Living things and their habitats									
Y4 Animals including humans									
Y4 States of matter									
Y4 Sound									
Y4 Electricity									
UKS2 Working Scientifically									
Y5 Living in their habitats									
Y5 Animals including humans									
Y5 Properties and changes of materials									
Y5 Earth and Space									
Y5 Forces									
Y6 Living things and their habitats									
Y6 Animals including humans									
Y6 Evolution and inheritance									
Y6 Light									
Y6 Electricity									

Computing Objectives KS2	2018 -2019			2019 - 2020			2020 - 2021		
	British History	Chocolate	World of World	Our Environment	People in the Past	Skills for Life	Food and Farming	British Values	Creativity and Art
Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs									
Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration									
Use search technologies effectively, appreciate how results are selected and ranked, 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									
Use technology safely, respectfully and responsibly; recognise acceptable/ unacceptable behaviour; identify a range of ways to report concerns about content and contact.									

Art and Design Objectives KS2	2018 -2019			2019 - 2020			2020 - 2021		
	British History	Chocolate	World of World	Our Environment	People in the Past	Skills for Life	Food and Farming	British Values	Creativity and Art
To create sketch books to record their observations and use them to review and revisit ideas.									
To improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example pencil, charcoal, paint, clay)									
- Drawing									
- Painting									
- Sculpture									
- Pencil									
- Charcoal									
- Clay									
Learn about great artists, architects and designers in history									

Design and Technology Objectives KS2	2018 -2019			2019 - 2020			2020 - 2021		
	British History	Chocolate	World of World	Our Environment	People in the Past	Skills for Life	Food and Farming	British Values	Creativity and Art
Design									
Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups									
Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design									
Make									
Select from and use a wider range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining, and finishing), accurately									
Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities									
Evaluate									
Investigate and analyse a range of existing products									
Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work									
Understand how key events and individuals in design and technology have helped shape the world									
Technical									
Apply their understanding of how to strengthen, stiffen and reinforce more complex structures									
Understand and use mechanical systems in their products (for example, series circuits incorporating switches, bulbs, buzzers and motors)									
Apply their understanding of computing to program, monitor and control their products									
Cooking									
Understand and apply the principles of a healthy and varied diet									
Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques									
Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed									

Geography Objectives KS2	2018 -2019			2019 - 2020			2020 - 2021		
	British History	Chocolate	World of World	Our Environment	People in the Past	Skills for Life	Food and Farming	British Values	Creativity and Art
Location Knowledge									
Locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries and major cities									
Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers) and land-use patterns; and understand how some of these aspects have changed over time									
Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Artic and Antarctic Circle, the Prime / Greenwich Meridian and time zones (including day and night)									
Human and Physical									
Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle									
Human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water									
Geographical skills and fieldwork									
Use maps, atlases, globes and digital / computer mapping to locate countries and describe features studied									
Use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey Maps) to build their knowledge of the United Kingdom and the wider world									
Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies									

History KS2	2018 -2019			2019 - 2020			2020 - 2021		
	British History	Chocolate	World of World	Our Environment	People in the Past	Skills for Life	Food and Farming	British Values	Creativity and Art
Changes in Britain from the Stone Age to the Iron Age.									
The Roman Empire and its impact on Britain.									
Britain's settlement by Anglo-Saxons and Scots.									
The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor.									
A local history study.									
A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066.									
The achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China.									
Ancient Greece – a study of Greek life and achievements and their influence on the western world.									
A non-European society that provides contrasts with British history – one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300.									

Music KS2	2018 -2019			2019 - 2020			2020 - 2021		
	British History	Chocolate	World of World	Our Environment	People in the Past	Skills for Life	Food and Farming	British Values	Creativity and Art
Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.									
Improvise and compose music for a range of purposes using the inter-related dimensions of music.									
Listen with attention to detail and recall sounds with increasing sural memory.									
Use and understand staff and other musical notations.									
Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.									
Develop an understanding of the history of music.									