CURRICULUM MAP – KS2 – PATHWAY 2 - SUMMER 1 – 2021-22

English

Power Of Reading Texts:

- The Snail and the Whale - Contemporary Upper (UP8)
- The Jolly Postman – Classic Modern (UP4)
- One Day on our Blue Planet - In the Savannah – Non-Fiction (UP10)
- If all the world were - Picture Book (UP7)
- The Robot and the Blue Bird – Traditional Tales with a twist (UP5)

Mathematics

Maths Mastery Curriculum

1

- Number (Number and Place Value): Use, identify and represent place value and number facts to compare and order numbers to 100. Identify number patterns.
- Number (Addition and subtraction): Explore, represent and explain addition and subtraction with regrouping; investigate number bonds within 20.
- Geometry (Money): Recognise unit symbols and understand their values; represent the same value using different coins; find change.

2

- Number (Number and Place Value): Use, identify and represent place value and number facts to solve problems; compare, read, write and order numbers.
- Measurement (Capacity and volume): Understand appropriate units of measure; compare and order; read scales.
- Measurement (Mass): Understand appropriate units of measure; compare and order; read scales.

3

- Geometry (Angles and Properties of Shapes): Identify angles, parallel and perpendicular lines; Draw, classify and compare 2-D and 3-D shapes; measure the perimeter.
- Measurement (Mass and Volume): Read scales with different intervals; weigh and compare masses and capacities with mixed units; estimate mass and capacity.

Science

Animals Including Humans

- 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.

Working Scientifically Skills

- Gather, record, classify and present data in a variety of ways to help in answering questions
- Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- Ask relevant questions and using different types of scientific enquiries to answer them

Computing

Computer Science and Coding – Bluebots

- Children will understand that they can control/program a programmable toy
- Children will follow and create algorithms to program a robot
- Children will understand that we control computers by giving them instructions
- Children will learn how to predict, debug and evaluate simple programmes so they can edit and improve algorithms

Humanities

South America

During this teaching sentences the children will learn to:

- 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.
- Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night).

Art and Design

The Formal Elements of Art: Shape and Pattern

Students will further their knowledge of shape and pattern through cultural research and a range of media techniques, to develop their understanding and ability to:

- Investigate traditional arts and crafts of Ghana- weaving
- Create a range of weaving experiments
- Explore and respond to artists' work, forging links, visual developments and written analysis
- Create and present a final weaving outcome inspired by artist and cultural research

	▪ Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle. ▪ Describe and understand key aspects of 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. ▪ Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied		
PSHE 	**<u>LOWER KS2</u>** **Core Theme 1: Health and Wellbeing** ▪ Unit: Growing and Changing (Lessons - Before puberty, Visible Changes) ▪ Unit: First Aid (Lessons – How to help, Emergency Calls) **<u>UPPER KS2</u>** **Core Theme 1: Health and Wellbeing** ▪ Unit: Nutrition and Food (Lessons – Food choices, Cooking) **Core Theme 2: Relationships** ▪ Unit: Healthy Relationships (Physical Contact)	**Religious Education** 	**Judaism** (Plan BEE Unit: Jewish Celebrations) During this teaching sequence, the children will: ▪ Recap facts about Judaism and Jewish beliefs; ▪ Find out about the Jewish festival of Passover; ▪ Find out about the Jewish festival of Sukkot; ▪ Find out about the festival of Purim; ▪ Find out about the festival of Hanukkah; ▪ Find out about the festival of Rosh Hashanah.
Physical Education 	**Dance** ▪ The children will perform dances using a range of movement patterns.	**Music** 	**History of music (I): Prehistory, Ancient and Medieval Times.** The students will: ▪ Understand that Music and its ways of transmission have changed/evolved through the times. They will learn the difference between Oral transmission and notation systems. ▪ Learn what instruments were played during the Prehistoric, Ancient and Medieval times and how that music sounded like. ▪ Play two songs: “Seikilos Song” (Ancient Greek) and “Santa Maria Strela do dia” (Medieval song).