**Movers & Shakers**

**Science**

**Context: Human Survival**

**Key Vocabulary and Knowledge:**

* Describe the stages of human development (baby, toddler, child, teenager, adult and elderly).
* Describe the importance of a healthy lifestyle, including exercise, a balanced diet, good quality sleep and personal hygiene.
* Use a range of methods (tables, charts, diagrams and Venn diagrams) to gather and record simple data with some accuracy.
* Use simple equipment to measure and make observations.
* Follow a set of instructions to perform a range of simple tests, making simple predictions for what might happen and suggesting ways to answer their questions.

**Brief outline of Learning Journey:**

**A history based learning journey that develops children’s knowledge of significant figures within history.**

 **Autumn Term 1 2022**

**Maths**

**Main focus- place value, addition and subtraction.**

**KIRFs- recall all number bonds to 20.**

Throughout the year the children will be covering the following throughout the year:

* Money.
* Multiplying and dividing.
* 2D and 3D shape.
* Fractions.
* Statistics.
* Measurement.
* Geometry.

**Music**

This half term the children will be using the Charanga music scheme to explore different genres of music whilst looking at rhythm, pitch and tempo.

**RE-** In RE the children will be comparing different religions and beliefs by learning about the Hindu festival of Navratri.

**Main subject for topic- History**

**Context-** Living things and their habitats.

**Skills developed**- Using historical models to rank and sort different significant figures, describe how an aspect of life has changed over time.

**Knowledge and key vocabulary**- Sequence significant information in chronological order, learn about the lives of significant individuals in the past who have contributed to national and international achievements, learn about changes within living memory.

**English**

**Key Texts-** We’re Going on A Bear Hunt, The Way Back Home, Greta and the Giants. Man on the Moon, The Great Explorer.

**Reading-** Children will read books from their reading level in school as well as at home. Within lessons we will read a mixture of both fiction and non-fiction.

**Writing-** Children will be practicing sentence work this year to ensure they are consistently using capital letters, finger spaces and full stops as well as progressing to using conjunctions but, and, if, so and when. They will start to consistently use adjectives, and a variety of punctuation such as question marks and exclamation marks. The children will also be practicing and applying their year 2 spellings.

**PE**

Tuesdays – Real PE focusing on travelling and moving our bodies in different ways with Miss Humphries.

Thursdays – External coaches



**Jigsaw- Lifeskills**

Autumn 1: Being me in my World

**Local links and Exciting experiences**

Trip to the Novium Museum –Tim Peake workshop 15th September

Outside learning week w/b 26th September.

Author Visit – 12th October.

**Geography**

**Context: Let’s Explore the World.**

**Skills Covered:**

* Locate the equator and the North and South Poles on a world map or globe.
* Describe simple weather patterns of hot and cold places.
* Describe how human behaviour can be beneficial to local and global environments, now and in the longer term.
* Name and locate seas surrounding the UK, as well as seas, the five oceans and seven continents around the world on a world map or globe.
* Use simple compass directions to describe the location of features or a route on a map.
* Draw or read a range of simple maps that use symbols and a key.
* Ask and answer simple geographical questions through observation or simple data collection during fieldwork activities.
* Identify characteristics of the four countries and major cities of the UK.
* Describe and compare the human and physical similarities and differences between an area of the UK and a contrasting non-European country.

**Computing:**

* Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions.
* Create and debug simple programs.
* Use logical reasoning to predict the behaviour of simple programs.
* Use technology purposefully to create, organise, store, manipulate and retrieve digital content.
* Recognise common uses of information technology beyond school.
* Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

**Art and Design**

**Context: Mix it topic.**

* Develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space.
* The secondary colours are green, purple and orange. These colours can be made by mixing primary colours together.
* Mixing different amounts of primary colours make a range of hues. For example, blue-green or yellow-green.
* The colour wheel is a diagram that organises colours and shows their relationships.
* Learn about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.
* Use a range of materials creatively to design and make products.
* Press objects into a malleable material to make textures, patterns and imprints.
* Evaluate and analyse creative works using the language of art, craft and design.
* Aspects of artwork to analyse and evaluate include subject matter, colour, shape, form and texture.
* Analyse and evaluate their own and others' work using artistic vocabulary.