Newton Leys Primary School Autumn Term Overview Topic Web: **Time Travellers**

Art & Design:
Year 1 & 2: to use drawing, painting and sculpture to develop and share their ideas
Year 3: Railway posters
Year 4: Chinese writing
Year 5: Jim Sanborn
Year 6: Felice Frankel

Computing:
Year 1 & 2: Understand use of algorithms/ Write & tests simple programs/ Use logical reasoning to make predictions
Year 3 & 4: Design & write programs to achieve specific goals, including problem solving/ Use logical reasoning
Year 5 & 6: Use sequences, repetition, inputs, variables and outputs in programs

RE:
KS1: Christianity
LKS 2: Hinduism
KS 2: Judaism

PSHE:
KS 1: New Beginnings/ Going for Goals
KS 2: New Beginnings/ Relationships

Maths:
New APP Grids/ Medium Term Plans

MFL:
Year 3: Listen & engage/ ask & answer questions/ Speak in sentences using familiar vocab/ develop appropriate pronunciation/ show understanding of words & phrases/ appreciate stories, songs, poems & rhymes
Year 4: + broaden vocab
Year 5 & 6: Listen & engage/ engage in conversations, expressing opinion/ speak in simple language & be understood/ develop appropriate pronunciation/ present ideas and information orally/ show understanding in simple reading/ adapt known language to create new ideas/ describe people, places and things/ understand basic grammar, e.g. gender

Geography:
Year 1: name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas/use world maps, atlases and globes
Year 2: Use aerial images & other models to create simple plans & maps, using symbols (linked to history unit)
Year 3: Trade links, settlements - use fieldwork to observe, measure & record (linked to history unit)
Year 4: Earthquakes/ volcanoes (linked to history unit)
Year 5: Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones (linked to science unit)
Year 6: Use of 4 and 6 figure grid references on OS maps (linked to history unit)

English:
Year 1: Diary/ Labels, lists & captions/ Fairy (traditional) tales/ Poems on a theme
Year 2: Diary/ Information text/ poems: patterns & rhyme/ Stories with familiar settings
Year 3: Diary/ Information text/ Stories with historical settings/ shape poems & calligrams
Year 4: Diary/ Information text/ stories from other cultures/ exploring form
Year 5: Diary/ Information text/ Fables, myths & legends/ narrative poetry
Year 6: Diary/ Information text/ stories with flashbacks/ performance poetry

Music:
Year 1 & 2: sing songs/ play tuned & un-tuned instruments musically/ listen & understand live & recorded music/ make & combine sounds musically
Year 3 & 4: use voice & instruments with increasing accuracy, control & expression/ improvise & compose music/ listen with attention to detail/ appreciate wide range of live & recorded music/ begin to develop understanding of history
Year 5 & 6: Perform with control, expression, solo & ensembles/ improvise & compose using dimensions of music/ listen to detail & recall aurally/ use & understand basics of staff notation/ develop an understanding of the history of music, including great musicians & composers

History:
Year 1: The Fire of London
Year 2: Brunel (Grand Union Canal)
Year 3: Stephenson (Rocket) & Wolverton (railways)
Year 4: Chinese civilisation
Year 5: Ancient Greece: a study of Greek life and achievements and their influence on the western world (linked to science unit)
Year 6: Mayan civilisation

Design Technology:
Year 1 & 2: Use range of tools & materials to complete practical tasks/ evaluate existing products & own designs/ Generate, model & communicate ideas
Year 2: Build and improve mechanisms/ evaluate existing products & own designs/ Generate, model & communicate ideas (canal with lock gate)
Year 3 & 4: Use mechanical systems in own work/ evaluate existing products & improve own work/ use annotated sketches & prototypes to explain ideas
Year 5 & 6: Use annotated sketches, cross section diagrams & computer-aided design/ Use mechanical & electrical systems in own products, including programming/ analyse & evaluate own work

Science:
Year 1: Seasonal change & Everyday Materials
Year 2: Identify & compare uses of different materials/ Compare how things move on different surfaces
Year 3: Simple forces including magnetism/ sources of light; shadows & reflections
Year 4: Sound as vibrations/ Electricity: simple circuits & conductors
Year 5: Introduce gravity, resistance & mechanical forces/ Understand location and interaction of Sun, Earth & Moon
Year 6: Forces, including gravity/ Electricity: investigating circuits