Watlington Primary School Year 2 Terms 3 and 4

ENGLISH	MATHEMATICS	SCIENCE	COMPUTING
Talk for Writing **Newspaper recount (non-fiction): Edmund Hilary and Mount Everest** **Man on the moon: journey story** **Diary writing: linked to explorers** **Writing focus:** Develop stamina by writing for different purposes. Discuss and plan writing with some jottings. Use new vocabulary from reading. To be able to read what they have written and evaluate writing by proof-reading to make simple additions and corrections. **Grammar:** Sentence types Word classes Commas for lists Sentence extension using conjunctions **Handwriting** – focus on joining the following letters – c a o d g q e s f.	**Shape** - Know common 2D and 3D shapes and their properties. Count sides, faces, vertices and edges of 2D and 3D shapes Investigate using lines of symmetry. Sort 2D and 3D shapes. **Measurements – Money** Count, make and compare amounts of money Find change and solve 2 step problems. **Multiplication and division** Recognise and make equal groups Using arrays 2 ,5 and 10 times table Doubling and halving Odd and even numbers. **Measurements-Length and height** Measure in cm and m Compare and order length and height. **Measurements – Mass, capacity and temperature** Measure in grams, kilograms, millilitres, litres Compare mass, volume and capacity.	**Living things, habitats and plants** **Examine** and **compare** the differences between things that are living, dead, and things that have never been alive. **Identify** that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other **Identify** and name a variety of plants and animals in their habitats, including micro-habitats **Examine** how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. **Observe** and **describe** how seeds and bulbs grow into mature plants **Research** and **describe** how plants need water, light and a suitable temperature to grow and stay healthy	Using simple word processing programmes with greater independence (word) and simple programming skills as well as accessing a range of learning based games for maths and English. To describe, follow and give clear instructions. To use instructions to create different algorithms. To use an algorithm to program a sequence on a floor robot To design, create, and test a mat for a floor robot. -Use IPADs to gather information for Topic and English tasks.

HISTORY		GEOGRAPHY
Identify and organise key events from the past - timelines - create a time line and discuss main stand out features of Space development and discovery. **Ask** questions about history **Investigate** simple sources to answer questions about the past. **Compare** similarities and differences between two different time periods – link to how space travel has changed over the years. **Gather information** about reliability of photos, accounts and stories. Investigate the History and development of NASA and the importance of space exploration. **Research** significant figures from present and past. Neil Armstrong, Tim Peake, Ibn Battuta and Amelia Earhart. Who are they? What have they done?	**The World and Beyond** 	**Demonstrate** use of world maps, atlases and globes to identify the UK, countries, continents and oceans. Link to which countries have travelled to space. **Examine** aerial photos to recognise landmarks **Experiment** with a compass to describe the location and routes on a map **Identify** the world's 7 continents and 5 oceans **Identify** hot and cold areas of the world in relation to the Equator and North and South Pole

PHYSICAL EDUCATION	ART / DESIGN AND TECHNOLOGY	MUSIC	PSHE/Jigsaw	RE – Why are some places important?
Ball skills: To throw and catch displaying some control and accuracy, in isolation and varied environments (Tag rugby) **Gymnastics** Perform ad present sequences of movement. Develop fundamentals of movement including: jumping, weight bearing, balance and coordination. Linking two or more actions to perform a sequence.	**Art: Colour** Mixing a range of secondary and tertiary colours, shades and tints. Explore whether colours are warm or cool. Describe colour work by a range of artists including Mondrian, Klee and Pollock. Children will use their knowledge and understanding of techniques introduced to **create** their own art and **evaluate** it critically. **DT** Axels and wheels – linked to moon buggy design. **Explore** and use wheels, axles and axle holders to design and build moving moon buggies.	**Inventing a musical story** Using instruments and our voice to tell a story and express our feelings. Children will explore the dynamics and tempo in different songs and pieces of music finishing in a group performance.	**Dreams and Goals** I can choose a realistic goal and think about how to achieve it. I can persevere even when I find things difficult. I can recognise who I work well with and who it is more difficult to work with. I can work well in a group.	The importance of special places for different faiths. Exploring which buildings are important in some religions and their features. Learning what people gain from being together in a shared place.