

Autumn Term Overview 2016 (Year 2)

Maths

- **Using place value and number facts to solve problems:** Representing, estimating and recognising the place value in numbers to 100, reading, writing, comparing and ordering. Counting in steps. Solving problems.
- **Understanding addition and subtraction:** Mental and written methods, using concrete objects and representation, addition and subtraction facts to 20.
- **Reasoning about addition and subtraction:** Solving problems, applying all elements of Theme 2, commutative properties and inverse.

Science

- **Animals, including humans:**
Notice that animals, including humans, have offspring which grow into adults. Find out about and describe the basic needs of animals, including humans, for survival.
Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.
- **Living things and their habitats:**
Explore and compare the difference between things that are living, dead, and have never been alive.
Identify that most living things live in habitats.
Identify and name a variety of plants and animals in their habitats.
Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain.

Literacy

- **Non-fiction recounts:** Talking and writing about personal experiences, listening to other's recounts and asking relevant questions, writing recounts in different contexts using appropriate features, e.g. diary entries.
- **Narrative:** Predicting possible events in a narrative based on their experience of other texts. Identifying main events in stories, sequencing events in chronological order. Discussing appearance behaviour, characteristic and goal of character. Retell a familiar story using story language. Writing a short story with events organised sequentially into beginning, problem and resolution using words and phrases from familiar stories.

Humanities & RE

Geography

- name and locate the world's seven continents and five ocean
- name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas
- use simple compass directions and locational and directional language to describe the location of features and routes on a map

R.E. SIGNS AND SYMBOLS

- The main symbols from each faith and their meaning:
Cross (Christianity), Wheel of Life (Buddhism), Om (Hinduism), Star and Crescent (Islam), Menorah (Judaism), Khanda (Sikhism)

Computing

- Sequencing instructions using a visual app.
- Writing own sequences using a visual app.
- Programming using conditions.
- Programming to repeat a function.
- Sequencing real time events.
- Using Hopscotch and repeat functions to create and algorithm for a shape.

PE

- **Games activities:** Awareness of opponents and teammates. Spatial awareness. Working with pairs and/or small groups.
- **Dance:** Perform body actions with control and coordination. Choose movements and different dynamic qualities to make dance phrase. Linking actions. Remember and repeat short dance phases. Perform short dances

Art and Design & Music

Art

- To experiment with straight and curved lines
- To build up tone by layering
- To look at the work of famous artists

Music

- use their voices expressively and creatively by singing songs and speaking chants and rhymes
- play tuned instruments musically