

# Year 2

## Spring Topic Web

### 'Fire and Ice'

#### DT

##### **Knowledge and Experiences**

- Evaluate a range of bread products.
- Explore different supermarket pizza toppings
- Design a pizza including base type and toppings.

##### **Planned Outcomes**

- Children design and make a pizza.

#### Computing

##### **Knowledge and Experiences**

- Learn about data handling tools.
- Use yes/no questions to separate information.
- Construct a binary tree to identify items.
- To gain a better understanding of searching on the Internet.

##### **Planned Outcomes**

- To use a database to answer more complex search questions.
- To produce a non-fiction leaflet.

#### Geography and History

##### **Knowledge and Experiences**

- Learn about the Great Fire of London.
- Explore how firefighting has changed.
- Understand different geographic similarities and differences of places (United Kingdom and Canada)
- Identify the location of hot and cold places in the world.

##### **Planned Outcomes**

- To write a newspaper report of the GFoL.
- To create a fact file for the United Kingdom and Canada.

#### Mathematics

##### **Knowledge and Experiences**

- Recall multiplication facts for 2, 5 and 10 and use them to solve simple problems
- Recall division facts for 2, 5 and 10 and use them to solve simple problems
- Use different coins to make the same amount
- Measure length, mass, capacity and temperature

##### **Planned Outcomes**

- To apply our knowledge and skills to solve problems and reason about numbers.

#### English

##### **Knowledge and Experiences**

- Participate in discussion about what is being read to them
- Discuss and clarify the meanings of words, linking new meanings to known vocabulary experiences
- Learn to spell common exception words
- Use different sentence forms: statements, questions, exclamations and commands
- Form capital letters and digits of the correct size, orientation and relationship to one another and to lower case letters
- Make simple additions, revisions and corrections to their own writing

##### **Planned Outcomes**

- To write a Newspaper article (chronological report).
- To innovate part of a story (narrative writing).

#### PSHE/RSE

##### **Knowledge and Experiences**

- Know how to choose a realistic goal and think about how to achieve it
- Know that it is important to persevere
- Feel positive about caring for their bodies and keeping it healthy
- Know what their body needs to stay healthy

##### **Planned Outcomes**

- Children set evaluate their work and set goals for their learning.

#### Science

##### **Knowledge and Experiences**

- Explore and compare the differences between things that are living, dead and things that have never been alive.
- Identify different types of habitats and how different habitats provide for the basic needs of different animals and plants.
- Identify and name a variety of plants and animals in their habitats.
- Describe how animals obtain their food from plants and other animals, using a simple food chain, and identify and name different sources of food.

##### **Planned Outcomes**

- Construct a simple food chain.
- Describe the conditions in different habitats and explain how it may affect the type and number of animals living there.

#### Music

##### **Knowledge and Experiences**

- Chant rhythmically and perform in unison and in a round.
- Listen with attention to detail and recall sounds and patterns.
- Compose 4-beat patterns.

##### **Planned Outcomes**

- Perform a composed piece to an audience.

#### Physical Education

##### **Knowledge and Experiences**

- Travel in a variety of ways, including rolling.
- Hold a still shape whilst balancing on different points of the body.
- Jump in a variety of ways and land with increasing control and balance.
- Climb onto and jump off the equipment safely. Move with increasing control and care.

##### **Planned Outcomes**

- Make and perform a sequence of actions.