#### Science

Values (Resilience, Respect & Curiosity)

#### Rocks

# How does the surface affect the speed of an object travelling on it?

- How can I group different types of rocks?
- How are fossils formed?
- How is soil formed?
- How much water comes through different soils?
- Who was Mary Anning?

#### Art

Values (Curiosity, Resilience & Courage)

#### Autumn

**Drawing** – Experiment with drawing materials to create images of leaves and trees.

**Painting** – Creating images of autumnal scenes inspired by the local environment and art work by John Constable.

Painting – Still life painting of vegetables

Sculpture – Use Clay to create fossils

# Geography

Values (Curiosity, Responsibility & Respect)

#### **Extreme Earth**

- What is under your feet?
- What is a volcano and how are they formed?
- What is an earthquake and what causes them?
- What is a tsunami and what effect do they have?
- What is a tornado and how is it different to other natural disasters?

# R.E. (Mrs Smith)

Values (Honesty, Curiosity & Respect)

# Is light a good symbol for celebration?

- How is light used in different celebrations in our own lives?
- How is light used in different religious ceremonies and traditions?
- What is the significant of light and what does it represent for believers?



# Year 3 Autumn Term 2

# **Personal Development Passport Activities**

Values (Confidence, Resilience, Responsibility)

- **Inspire Me** To play a musical instrument
- Future Me To create a play a card game
- Shape Me To commit to a job for two weeks

#### **Activities / Events**

Christmas Forest School Day / Christmas Carol Concert

# **English**

Values (Curiosity, Resilience & Courage)

# Charlotte's Web by E.B. White

- Comparing characters and exploring how they are portrayed in the text.
- Write a diary entry from the perspective of a character
- Explanation of the Life Cycle of a Spider
- •

# Volcanoes and Earthquakes

- Reading various texts presented in different ways about volcanoes and earthquakes.
- Producing explanation texts about the formation of volcanoes and earthquakes.

#### Maths

Values (Resilience, Courage & Curiosity)

## **Addition and Subtraction**

- Making connections with the number facts they know and using these to add and subtract larger numbers by adding / subtracting the ones, tens and hundreds.
- Learning how to add and subtract numbers using column addition and column subtraction involving exchanging.
- Understanding and using the inverse relationship between addition and subtraction to solve problems including using Bar Models.
- Learning metal calculation strategies e.g. 347 + 99 could be solved by adding 100 and then subtracting 1.

#### **PSHCE**

Values (Honesty, Resilience & Courage)

# **Valuing Difference**

- How can we listen and respond respectfully?
- What does it mean to be a family?
- What are the benefits of belonging to a community?
- How diverse is our community?
- How can we celebrate our differences?

What is prejudice and discrimination? How might this

## Music

Values (Curiosity, Happiness & Resilience)

The children will have a weekly Music Lesson with Buckinghamshire Music Trust. This will take place every Wednesday morning.)

#### Computing

Values (Curiosity, Responsibility and Confidence)

- How does a digital device work?
- What parts make up a digital device? How do digital devices help us?
- How am I connected?
- How are school devices connected?

#### P.E.

Values (Resilience & Confidence)

- Football
- Hockey

P.E. lessons will be on a Wednesday (S4A) and a Friday.