28<sup>th</sup> February 2022 Start Date: Finish Date: 8th April 2022

### Hook:

The children will plant seeds & bulbs in preparation for a science investigation.

#### **SMSC**

- Social Collaborative working.
- Moral Understand their own feelings
- Spiritual Diversity of nature / Awe and wonder
- Cultural Nature in modern art, - Celebrating national customs & traditions.

### Rationale:

The children will be given opportunities to plant bulbs and seeds, to observe the changes as they grow and to investigate what plants need if they are to develop into strong, healthy examples. Children will conduct scientific investigations to develop their understanding and use a range of sources to find out about a variety of plants. They will examine different parts of the plant, learn the scientific names and functions for the main parts of the plant, especially the flower. They will learn about the life cycle of flowering plants and the different methods plants have to disperse seeds. They will explore how plants and flowers are portrayed in art, with a particular focus on the work of Georgia O'Keeffe. Using a range of materials and techniques, they will have opportunities to create pictures in a similar style.

#### Outcome:

The children will grow flowering bulbs, create pictures in the style of Georgia O'Keeffe for a class display and write their own non-fiction book about plants and their life cycles.

Focus Area: Science - Helping Plants Grow

PLANTS

The children will identify and describe the functions of different parts of flowering plants. They will explore the requirements of plants for life and growth and how they vary from plant to plant. They will investigate the way in which water is transported within plants and explore the part flowers play in the cycle of flowering plants, including pollination, seed formation and seed dispersal.

Supporting Focus Area: Art – Study of an Artist,

#### Flowers in Contemporary Art

Children will research Georgia O'Keeffe, a well-known modern artist, examine the techniques and materials she uses and the inspiration for her work. They will have opportunities to use a similar range of materials and techniques to produce artwork in the style of the artist.

Supporting Focus Area: PSHE – It's Good to be Me

The children will explore:

- families and friendships What makes a family? Features of a family
- Money and Work Different jobs and skills, job stereotypes; setting personal goals

## **Discrete Teaching Programmes (DTPs):**

Daily Literacy lessons Daily maths lessons PE - Swimming, Skipping

PSHE / SEAL

MFL - French

# **Linked Teaching Programmes (LTPs):**

ICT – Technology Safety including safe use of the internet, etc.

# **Family Homework Task:**

Make a creative 'cress growing' pot to bring in and share. Eg. Cress growing as hair, a beard, fur.