

**Date:** Tuesday 21<sup>st</sup> April 2020

**Activity Title:** Flower Experiment

**Learning Intention:** To be able to notice change over a period of time.

**Activity Overview:**

**Links to EYFS:** Understanding the World: To develop an understanding of growth, decay and changes over time.

To observe changes to flowers, when food colouring is added to the water.

**Equipment:**

- + 3 clear containers (you could use recycled water bottles or pasta sauce jars)
- + Water
- + Measuring jug
- + Food colouring (if you do not have food colouring, you could try using coloured water from making herbal tea)
- + White flowers (you may want to use daisies – this could involve an extra step of going on a daisy hunt!)



**Key vocabulary:**

Flowers, water, petal, stem, change, colour, time, food colouring, dye, jug, bottle.

**ACTIVITY IMPLEMENTATION (including key questions)**

**Introduction:**

Introduce your child to the awe and wonder of science.

*'Today we are going to do an experiment that is going to change the colour of the white flowers. It might not happen straight away, but we will need to keep looking'.*

**Main Activity:**

1. Lay your resources out on a work surface.
2. Fill your measuring jug with an appropriate amount of water to half fill one of the clear containers.
3. Add one teaspoon of food colouring to the water.
4. Pour the coloured water into the clear container.
5. Place one (or more if you have lots) of the white flowers into the container.
6. Repeat steps 2 – 5 using different coloured food colouring/dye.
7. Place all of the clear containers (now filled with different coloured water and white flowers) somewhere visible and safe (so they won't get knocked over).
8. Invite your child to predict what he/she thinks will happen.
9. Observe the changes to the flowers.

**Activity review:**

-Once changes have begun to take place invite your child to share what they notice/observe.

-You may want to take photographs of the flowers to track their changes or draw a pictures to keep a diary of the changes.

-If you are able to place the containers and flowers outside and see which mini creatures may come to explore the flowers.

**Extension:**

-Follow the link below to find out about the life cycle of a flower.

<https://www.youtube.com/watch?v=Avrbtt7izP4>