

## Group 1 - Plants

Hello and welcome to Year 3's assembly.

In Year 3 this half-term, we have been learning about plants. We conducted an investigation to look at what plants need in order to survive.

We planted five seeds in their own plant pot.  
We changed what each plant received over a few weeks.

One plant had no water, one had no soil, one had no sunlight and one had no heat. The last plant had everything it needed – this was called the control.

We found out that some plants don't need all of these things to grow, but the control plant grew the best.



The plant without sunlight grew at first because the seed didn't need sunlight while it was under the soil. However, because it didn't have sunlight it started to die.

## Group 2 - Plants

We also learned that the different parts of the plant have different functions.

For example, the roots absorb nutrients and water

while also anchoring the plant in the soil so it doesn't fall.



We put some celery into a pot of water and added food dye to investigate how water is transported in plants. We left it for about a week and then checked what had happened.

We predicted that the celery would change colour because the water and food dye would be transported through the xylem, which are little tubes within the celery.

We found that our experiment didn't work because it only dyed the outside of the celery. This may be because we didn't leave it for long enough.

### Group 3 – The Tiny Seed

In our English lessons, we have been reading the book 'The Tiny Seed'.

In the story, a tiny seed flies with his family. Some of the seeds land in other places, such as on a mountain and in the ocean.

However, even though the seed was tiny, it landed on the ground and eventually grew into a beautiful, giant flower.

We created storyboards to plan out the story, then retold the story of The Tiny Seed in our own words.

We also used an app on the iPads called 'Book Creator' to retell the story of the tiny seed using photos and text.



I didn't like that the petals fell off the giant flower in Autumn. However, lots of the seeds from this plant flew away in order to become flowers themselves. This is called a life cycle.

## Group 4 - Rocks

We have learned about rocks as well. There are three different types of rock: sedimentary, igneous and metamorphic.

We have also learned about fossils. Did you know that fossils can be millions of years old?

We went to the Nottingham caves in order to learn more about rocks. We learnt that all of the walls are made out of sandstone – this is a sedimentary rock.



We noticed that when you touched the walls of the cave, the sandstone was crumbly and particles of sand fell off. There are 850 caves in Nottingham.

In the past, the caves were used for storage and tanning materials such as leather. They were also used in World War 2 to protect people from bombs.

We also did an activity where we looked at lots of different rocks such as pumice, sandstone, chalk, limestone and granite. There was also a shiny rock called obsidian.

## Group 5 – Trips!

Two weeks ago we got to take part in a creative arts day with some other LEAD schools. We made some new friends while also doing some art.

One of the activities was focusing on three different attributes – communication, motivation and pride.

In groups, we did a freeze frame to represent one of these attributes. Then we wrote our word on a banner along with our school name and decorated it.

We had a session based on confidence where we gave each other compliments and then discussed some of the attributes we thought we had.

We also talked about what we wanted to be when we are older and created a self-portrait using different materials to show this.

We had a really fun day and have been working on our core values in school as well as remembering the attributes we learnt about on this trip.

Thank you for listening to Year 3s assembly.

