



# Year 1 – Home Learning - Week beginning 19.04.21

Dear Children,

We hope you have enjoyed a safe and fun Easter holiday with your family. This week is a special week in school...it's SCIENCE WEEK!! Can you work hard at home and be a Super Scientist? Go for it... you can do it!

We are sorry that you aren't able to be in school at the moment, but we hope you and your families are staying safe and well. Here you will find a plan for your home learning. To help you support your learning, we have set enough tasks to be completed in **one week**. This reflects the learning that is continuing to take place in school.

Please contact us via email at [year1@cavclosei.derby.sch.uk](mailto:year1@cavclosei.derby.sch.uk) if you have any questions and to share photos of your child's learning.

Best wishes, from Year 1 Team.



Keeping safe, happy and healthy

## PE

Don't forget to stay healthy by being active.

- <https://www.youtube.com/watch?v=388Q44ReOWE&t=1s>
- <https://www.youtube.com/watch?v=KhfkYzUwYFk>
- [https://www.youtube.com/watch?v=oe\\_HDfdmnaM](https://www.youtube.com/watch?v=oe_HDfdmnaM)
- <https://www.youtube.com/watch?v=52pdkAMDe4>
- Do some Yoga and stay mindful. <https://www.youtube.com/watch?v=40SZl84Lr7A>

## R Time



Be like Brave Astrid

Be **confident** to try new challenges and learn from your mistakes!

Go on – You **CAN** do it!!

Use your R-Time manners and take turns with your grown up to design an alien. Think of a name for your alien and describe it?

## Wellbeing

We all have to look after ourselves, not just because of the current situation but all the time.

Care for your body AND your mind. Look at the poster for more information here:

Mental Health and Wellbeing Support for all the Family - <https://www.cavclosei.derby.sch.uk/wp-content/uploads/2020/05/Mental-Health-and-Wellbeing-Poster.pdf>



I am a Speaker

Talking is so important. It can help in all areas of our learning.

Please visit National Literacy Trust 'Words for Life' for more information and ideas:

<https://wordsforlife.org.uk/>

- Have a look around your house can you find every colour in the rainbow? How does each colour make you feel?



I am a Reader

**Read every day!**

Reading every day is the key to success.

If you have your school reading books with you please practise reading them. Don't forget reading them more than once helps confidence and reading for fluency.

Your child has been given their own password and login for Big Cat Collins ebooks just like we have in school. Please login to the catalogue and enjoy reading the books your teachers have put on there for you.

Be a Phonics Superstar!

Your weekly Wordwise lesson can be found at this link:

Please note, all the resources you need for WordWise, such as grapheme charts, can be found on our website.

[https://www.cavclosei.derby.sch.uk/?page\\_id=4514](https://www.cavclosei.derby.sch.uk/?page_id=4514)



### I am a Writer

This week we are going to create a weather diary.

- Discuss the weather – talk about the different vocabulary and discuss the meaning of climate, cold, hot, sunny, rainy, snowy, icy, windy, and cloudy. Can you use super adjectives to describe the weather like ‘**slightly** cold, **very** humid, **extremely** hot, **very** windy, **mostly** cloudy, **big black** clouds, **large wet** raindrops’?
- Each day at school we will be writing a weather diary. Look out the window or stand at the front or back door. What can you see? What can you hear? What can you feel? Write two or three sentences to describe the weather each day. Look at my example;

#### Monday

I can see there are big black heavy clouds and it is starting to rain. There are large wet raindrops falling quickly from the sky. I can hear the rain pitter patter on the roof.

#### Tuesday

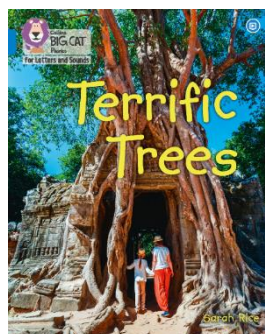
Today the sky is full of big white fluffy clouds. The sun is shining and I can feel the heat on my face.



Reach for the stars – Write a prediction about what you think the weather will be like tomorrow.



- Shared reading - ‘**Terrific Trees**’. Click on the link below.



- Handwriting this week, we are focusing on the letters below. Click on the link to warm your fingers up, ready to do your best handwriting.



Start drawing a circle and curl around slowly. Stop before you finish and it makes it a c!

Start in the middle and go across carefully. Then curl like a snail, and you have an e!

Curl the top, go straight down and swing to the left. Go back up and cross the belly of your f!

S is curly, more or less. Start at the top and curl to the left. Bend down and right, then down and left to make an s.



### I am a Mathematician

Mon-Fri: Please follow these links to go to our Maths lessons, this week we are looking at weight and capacity. You should aim to watch one a day:

- <https://classroom.thenational.academy/lessons/comparing-volume-6rw38t>
- <https://classroom.thenational.academy/lessons/using-length-weight-and-volume-c8wk6c>
- <https://classroom.thenational.academy/lessons/using-length-weight-and-measurement-cgwp2c>
- <https://www.bbc.co.uk/bitesize/topics/zt9k7ty/articles/zp8crdm>
- <https://www.bbc.co.uk/bitesize/topics/zknsqk7>



### Challenge Time

- **I am a Scientist:**  
ReachOut Reporter. Follow this link to watch the report.  
<https://www.reachoutreporter.com/>  
Talk about what you have seen. Which report was your favourite? Why?
- Look at the experiments below – set up the experiment with the help of an adult and see what you can find out?  
Make prediction and record your observations.
- Watch this video to learn how to do a ‘Walking Rainbow’ experiment!  
[https://www.youtube.com/watch?v=fYniUL4l\\_BA](https://www.youtube.com/watch?v=fYniUL4l_BA)



Use these words to help your child develop a positive attitude to learning;

Determined

Keep trying

Reach for the stars

Can you think of another way?

FOUNDATION  
JAMES  
DYSON**DANCING  
RAISINS**

CHALLENGE

**39****THE BRIEF****MAKE RAISINS DANCE UP AND DOWN A GLASS OF FIZZY DRINK.****MATERIALS**

A can of clear fizzy drink (e.g. lemonade), a tall, clear glass and a handful of raisins.

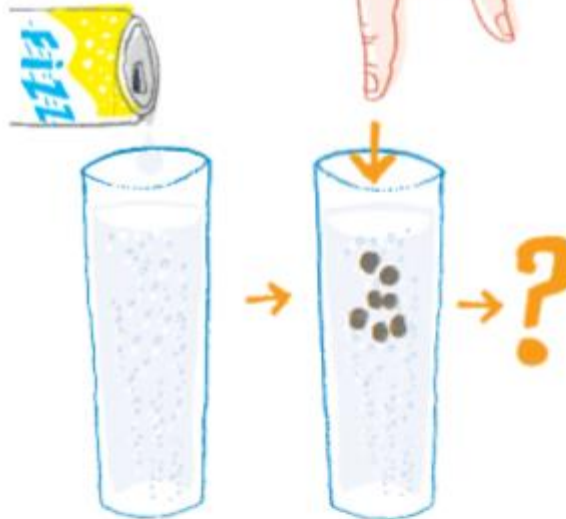
**THE METHOD**

Pour the can of drink into the tall glass.

Notice the bubbles coming up from the bottom of the glass. The bubbles are carbon dioxide gas released from the liquid.

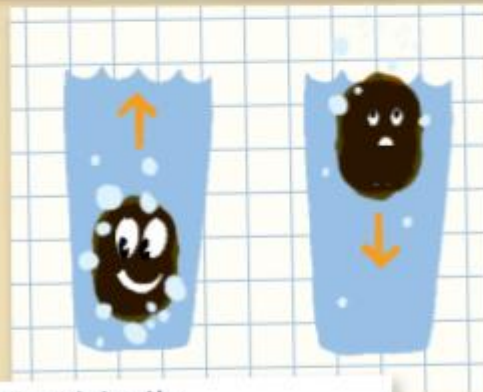
Drop a few raisins into the glass. Watch the raisins for a few seconds. Describe what is happening to the raisins.

Do they sink or float?

**KEEP  
WATCHING.****WHAT  
HAPPENS?****HOW DOES IT WORK?**

Raisins have a higher density than the liquid in the glass, so they sink to the bottom. Carbon dioxide bubbles attach themselves to the raisins and act like little life jackets that make the raisins more buoyant by increasing their volume. Once the raisins reach the top of the glass the carbon dioxide escapes and the raisins sink again.

After a while, the drink will run out of fizz and it will no longer lift the raisins.



Challenge designed by:  
Danya, James Dyson Foundation executive



## THE BRIEF

CREATE MULTI-COLOURED FLOWERS.

## MATERIALS

White carnations, two colours of food dye, plastic cups, water and scissors (with adult supervision).



## THE METHOD

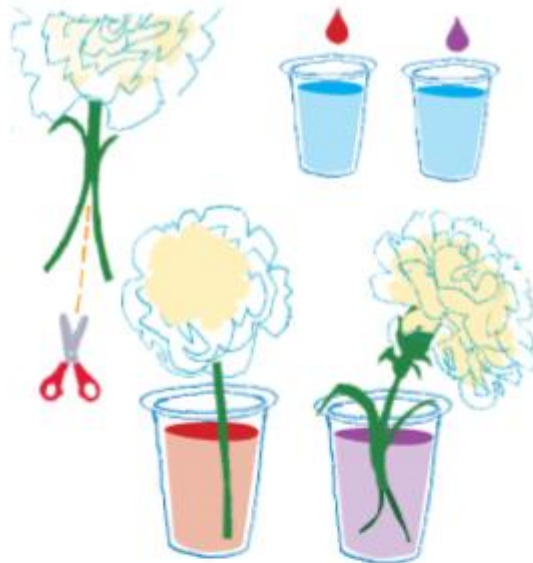
Use the scissors to cut the stem of the carnation in half lengthways.

Take two cups and fill them with water. Add a different coloured food dye to each cup.

Put the split stems of the carnation into the cups and leave overnight.

The next morning you should find that your flower has changed colour.

What do you notice about the petals?



## HOW DOES IT WORK?

Plants need a transport system to move food, water and minerals around.

There are two things that combine to move water through plants – **transpiration** and **cohesion**.

Water evaporating from the leaves (transpiration) draws water up the stem of the plant to replace what is lost. This works in the same way as sucking on a straw. Water that evaporates from the leaves “pulls” (cohesion) other water behind it up to fill the space left by the evaporating water.



Challenge designed by:  
Adam, science teacher and former design engineer at Dyson