

1st May 2020



THE PINEHURST PRESS

Experience ~ Excel ~ Enjoy

A weekly newsletter to share the news of Pinehurst Primary School

Teaching and  Learning



At Pinehurst pupils are given a range of scientific experiences to enable them to raise their own questions about the world around them. They start to make their own decisions about the most appropriate type of scientific enquiry they might use to answer questions; recognise when a fair test is necessary and help to decide how to set it up; talk about criteria for grouping, sorting and classifying; and use simple keys. They look for naturally occurring patterns and relationships and decide what data to collect to identify them. They make decisions about what observations to make, how long to make them for and the type of simple equipment that might be used.

Leading Science at Pinehurst is Mrs Smith

An experiment to try at homeRainbow in a Glass

Materials

A packet of skittles
Water
A mug
5 separate cups
A Tablespoon
A clear glass
A dropper or pipette



Instructions

Separate the Skittles into the cups, in these amounts: 2 red, 4 orange, 6 yellow, 8 green, and 10 purple. Heat a mug of water in the microwave for a minute and a half (or long enough that the water is hot, but not boiling). Be careful removing the water from the microwave—it's hot! Measure and pour two tablespoons of hot water into each cup, on top of the Skittles. Stir each cup carefully so no water splashes out. The cups need to be cool for the next part of the experiment, so leave them somewhere where they won't get knocked over. Stir them every ten minutes or so until the Skittles are dissolved and the water is room temperature. Using the dropper, add the coloured water from the five cups to the clear glass. Start with purple, then add green, then yellow, orange, and red last. Go slowly here, we don't want the different layers to mix. Congratulations, you have made a rainbow. You didn't even have to go outside!

How does it work?

Skittles are mostly made of sugar. When you add hot water to them, the sugar dissolves and the colouring on the shell of the Skittles turns the water different colours. The cup with only two red Skittles doesn't have as much sugar as the cup with ten purple Skittles, but they both have the same amount of water. The amount of matter packed into a certain amount of space is called the density of the material. The red water is less dense than the purple water, so it will float on top of the purple water.

Further Experiments

We added our colours in heaviest-to-lightest order. Does the rainbow still form if you add the red water first, then the orange, yellow, green, and purple?
What happens if you stir your rainbow?
What if you leave it sitting there over night?



@PinehurstP

Keep tweeting us your pictures of Home Learning. We love seeing what you are doing. Remember to include our handle so that we find out and if your settings allow we will retweet.



“Nothing ever becomes real until it is experienced.”

John Keats



Department for Education Select eRed

Free school meal vouchers

Free School Meal Vouchers will be issued to eligible families via email e-codes from Edenred week beginning 4th May. The codes are for two weeks and are £30 per pupil. You need to exchange the codes received for your supermarket e-vouchers.

A small number of families will have a postal delivery.



May Day is a public holiday usually celebrated on 1 May. It is an ancient Northern Hemisphere spring festival and a traditional spring holiday in many cultures. Dances, singing, and cake are usually part of the festivities.

Don't forget that this year it is...

VE Day Bank Holiday

Friday 8th May

What will you be doing to capture this shared moment of celebration?



This Week's Spotlight on Home Learning



Celebration Certificates have been awarded this week to:

Alan Gerlach
Holly Langley
Mia Fox

Archie Salmon
Erin Hancock
Kyra Sayonas
Xavier Erdington-Lynch

Anastasia Brila
Georgie-Amelia Crossland
Emrys Erdington-Lynch

Jaidan Norbury
Thomas Kerwyn
Maddie Sallis

Lily Williams
Eduard Dohotariu

Well Done Everyone. Don't forget to Tweet us a picture of you with your certificate when it arrives.