

Year 5's Cloud Homework Project

As part of our curriculum focus in Year 5, we strive to develop your wider knowledge and cultural capital (in class, we often refer to these as our SPINE activities). Therefore, over the holidays we are setting you a challenge to learn about the different clouds (cloud types/names and what each of them are like). We encourage you to produce a piece of work based on this ready to share with your peers. Please bring your learning in by Friday 29th April.

Recommended website@ <http://www.weatherwizkids.com/weather-clouds.htm>

Below is a list of activities you may choose from but please feel free to come up with your own ideas - the possibilities are endless!

Make a labelled model showing the different cloud types.	Write a rhyme, song or poem about the different types of clouds.	Create a fact-file showing off what you've learnt!
Make a rain cloud in a jar as a fun Science experiment (PTO).	Create a cloud quiz to challenge your teachers/peers!	Draw or paint a picture of something cloud related.
Make an engaging poster full of cloud facts.	Create a table showing the similarities and differences between the two.	Cloud Spotting - what clouds can you see in the sky?

Happy learning - we cannot wait to see your completed projects! Miss Hannam & Mrs Clark

You tube videos about clouds aimed at children= very informative

- 1) Types of clouds– The Dr. Binocs show <https://www.youtube.com/watch?v=yod3wMbfHUY>
- 2) All about clouds for kids <https://www.youtube.com/watch?v=QAqeFSa60TE>

The names for clouds are usually are combinations of the following prefixes or suffixes:

Stratus/strato - flat or layered, smooth

Cumulus/cumulo - heaped up and puffy, like a cauliflower

Cirrus/cirro - high up, wispy

Alto - medium level

Nimbus/nimbo - rain-bearing



Shaving Foam Rain Clouds

Science Experiment



Method

1. Fill the small bowls with water, then add a different food colouring to each. The more food colouring you add, the darker the colour will be.
2. Fill your large glass or vase up to about 2/3 full.
3. Squirt a generous amount of shaving foam on top of the water to create a 'cloud'.
4. Drop small amounts of coloured water onto the 'cloud' using the pipette or syringe.

You will need:

Clear glass or vase with a wide brim
Food colouring
Shaving foam
Small bowls
Water