

In the Summer Term we started a new Science Club after school each week. Initially it was open to Year 5 pupils. After half term, we opened it to children from Y3-5.

Science Club



Willington Primary School
Together everyone achieves more

Each week/s we explore a different theme using hands-on, fun experiments.

M&M Rainbows



the water is melting the chocolate...it's melting the shell.



It kind of melts in the water and disappears.



It dissolves.

Growing Rainbow Crystals



I predict that the Borax will dissolve and dry and make crystals on the pipe cleaners.



If it was just water, it would just evaporate so it must be the Borax.

The ink in the washable pens soaks out into the water.



Permanent markers won't work.

Magic Rainbows

Density Rainbows



Sugar only dissolves in hot water.

False!

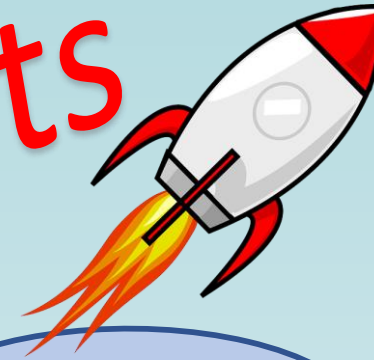
It's just quicker.



It's because it's more heavier.

Each group came up with their own question to investigate.

Rockets



Does the size of the bottle affect how high the bottle goes?

Does the amount of water affect the height of the bottle flight?

Water Rockets



I think less water will make the bottle shoot up higher.

I think that the biggest bottle will go the highest because it will have more air in.

Too much pressure pushed the bottle up.

If it's heavier, the straw will go slower. If it's longer, it will be heavier.

Balloon Rockets

We need to keep the same straw and height.



The height doesn't make a difference...maybe the rope is too rough.

Density

Each group made their own density column and explored these with a range of different objects.



Density Column



The mint is above the syrup but under the water.



Lava Lamps

You can see the water at the top...so it's lighter.



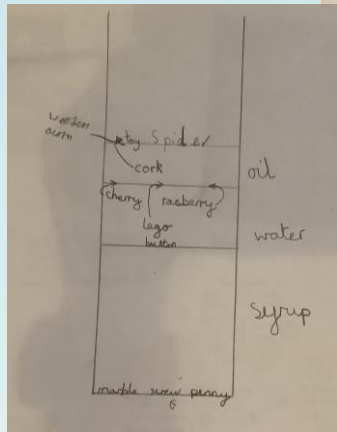
It's because it's (the oil) got bubbles in.

Can you make an egg float?

The grape will take the least salt because it's light and small.



Maybe it will make the water heavier and kind of balance it out so it floats.



Harri observed that the fruits floated on the syrup, the plastics on the water and the wooden objects on the oil.

