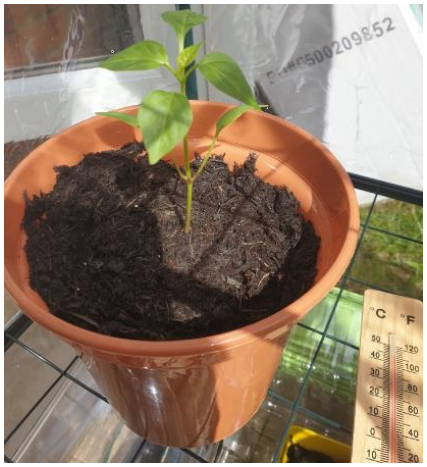
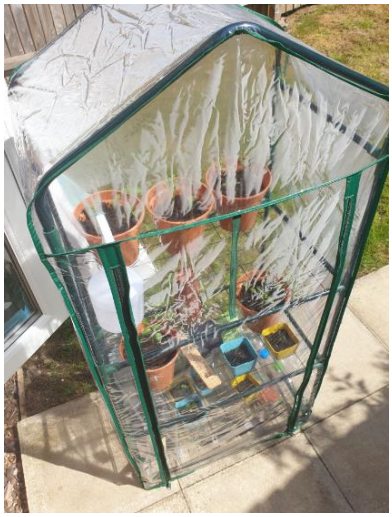
Science for the week beginning 1st June



Whilst I have been at home over the past couple of months, I have started to grow chilli seeds! They are not usually grown in this country as the need high temperatures (between 18 and 27 C°) and a LOT of water. Britain is usually around 14 C° in April and May and much colder at night. We even get frosts, which are not good for growing plants. Therefore, I have had to grow my chillies inside and then buy a small plastic greenhouse to keep them warm outside. I have had to use a lot of water to keep them happy and made sure to have them in the sun as much as possible.



Plants need the following to survive:

- Water
- Sunlight
- Temperatures above freezing, but ideally between 10 and 30 C°
- A place for their roots to spread out. This is usually soil, but some plants grow in water, into the air around them and even on other plants!

Now, as you can see, I have put a lot of effort into growing my chillies over the past two months. I have had to adapt the environment around me to make sure that they are happy and can grow. Humans are very good at this and grow lots of things at home (such as tomatoes, strawberries etc.) and lots of things in fields (such as potatoes, corn etc.).

Your task is to find the most extreme place that humans have grown things and what they have done to adapt the environment of that place to make it suitable for plants to grow. A few examples to get you started are:

- Growing crops in the desert
- Growing rice in the mountains (paddy fields)
- Growing exotic plants and fruit in cold climates

You will need to produce a fact file of this information and include lots of information and pictures that show how humans are capable of adapting and changing their surroundings to make themselves and other living things survive!

Make sure to make it colourful and engaging and to send your work to WDV.Year4@oasiswoodview.org. I am looking forward to seeing your work!

Mr Crowe