

## Year 6 Science – Plants and their processes.

Year 6 used coloured cubes to represent the different atoms used in the process of photosynthesis. Using the cubes that represented hydrogen, oxygen and carbon- they 'made' molecular models of 'CO<sub>2</sub>' and 'H<sub>2</sub>O' after identifying what plants needed to survive. Then, once they had 'built' as many as they could, the children saw that they had 6 CO<sub>2</sub> and 6 H<sub>2</sub>O which they put into a green bag (to represent a leaf filled with Chlorophyll) and added some sunshine (gold glitter). Magically (and with some great imagination!), the molecular structure made inside the green 'leaf' was the food that plants make- glucose! But wait...Year 6 discovered something left over!

OXYGEN!!!!!!!

