Poppy Class - COVID Summer planning

Week 9: Science Focus

During the second half of the summer term the **Science Focus** is **Light and Sound.** Our aim with this topic is for the children to explore light in relation to objects, observe and record different sources of light, to experiment with sounds, make sounds with their own bodies, and how sound is made.

All the summer term subjects: Geography (Oceans and continents), P.E. (movement), Literacy focusing on the book "A balloon for grandad" (where all these subjects are linked in a cross-curricular way), Art (Composition) and Maths (2D-3D shapes) are connected in a cross-curricular way to make your child's experience meaningful and engaging.

Activities

You can always introduce these activities with a song:

Natural vs Artificial lights: https://youtu.be/LYUb0j4DrHs

Electricity: https://youtu.be/Uf76pThNXZc

- Create a source of lights sensory experience by collecting a range of different light sources
 to explore, e.g. bike lights, torches, desk lights, touch lamps, candles, light fans, ball lights,
 fairy lights. Create a sensory area using material to darken the space and some relaxing
 music to create a quiet focused time. Then introduce the different light sources.
- Students can photograph different types of light, this way they can record the different types of lights they have observed. E.g. street lighting, signs on shops, car lights, traffic lights, shopping centre lights, the sun, etc.
- Replicate a rainbow at home.



- Experiment with different sounds: Sounds that our bodies can make. Can we copy each other's sounds? What different instruments make different sounds? What different noises do animals make? Can we copy them?
- Make instruments using recycled materials.
- Do a sound walk around the house, record on your phone/tablet the different sounds and label them.

Resources

Recycled materials instruments: https://theeducatorsspinonit.com/music-ideas-for-summer-fun-after-school/

Rainbow experiment: https://youtu.be/sp81xT7_bQY