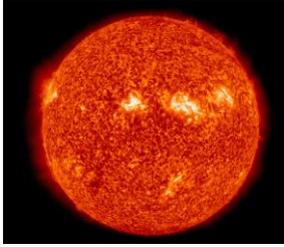


Day 1 – Sunlight

Learning: What colour is sunlight?

Group Time

- Show them a picture of the sun from space, what is this? Sun



- Why do we need the sun? Light & Warmth
- What is the colour of the light that come from the sun? Show them a picture of the sun from the earth
-White



- Did you know hiding in sunlight there is many colours?
- Show them a picture of a rainbow – What colours can you see? Purple, Orange, Red, Blue, Yellow, Green



Experiment Colours (1)

What you need:

- Food colouring – Red, Blue & Yellow
- Cups
- Bottles of Water

What to do:

- Try and make the colours of the rainbow, by mixing two colours together in each cup.
- Then try mixing all the colours together what colour do you get? –Black/Brown

Group Experiment Colours (2)

What you need:

- Optical Light Device

What will happen when we combine the three colours? Will it turn brown? No it will turn white

Group Time

- When you combine paints colours what happens? Brown
- What happens when you combine coloured light? White
- Show them the picture of the rainbow; what do you need to make a rainbow? Light & rain
- When sunlight passes through the rain drops it creates a rainbow.

Group Experiment - how to make a Rainbow

What you need:

- Prism
- Torch
- Light Box

What to do:

- Shine the torch through the slit in the light box.
- Put the prism in the light box on its side
- Turn the prism until you see a rainbow.

Craft – Light Catcher

What you need:

- Multi-facet Crystal
- Nylon cord used for necklaces
- Beads



-