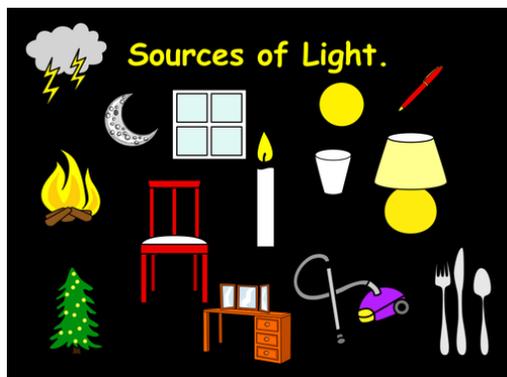


# Knowledge Organiser EYFS: What Makes a Happy Planet?

## Science: Light, Dark & Shadows

**Natural light sources** include the sun, stars and fires. They are called natural light sources because they emit light naturally.

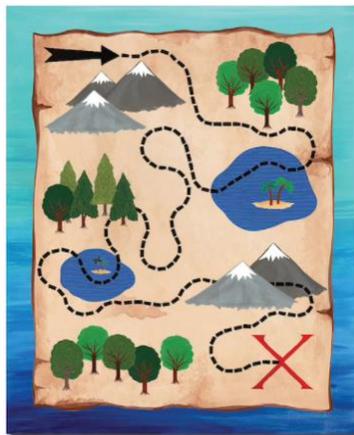
**Artificial light sources** include lamps, torches and computer screens. They are called artificial light sources because the light source is man-made. A **shadow** is a dark area where light from a light source is blocked by an opaque object.



## Geography: Exploration and Travel

Exploration is the action of exploring an unfamiliar area.

A map is a visual representation of an area of land or sea showing physical features, cities, roads, etc.



Different modes transport are more suitable to travel to different places around the world.

## People

**Rama & Sita:** The story of Rama and Sita is an incredibly significant tale from the Hindu religion. It tells the story of the festival of light, otherwise known as Diwali.

**Tim Peake:** Tim Peake is a British astronaut and military officer who in 2016, while on a mission to the International Space Station (ISS), became the first official British astronaut to walk in space.

**Kumi Yamashita:** Yamashita Kumi is a Japanese artist. She sculpts using both light and shadow by constructing single or multiple objects and placing them in relation to a single light source.



## R.E: Diwali & Christmas

Diwali is a festival of lights and one of the major festivals celebrated by Hindus, Jains, Sikhs and some Buddhists.

Christmas is an annual festival commemorating the birth of Jesus Christ, observed primarily on December 25th as a religious and cultural celebration.

Vocabulary	
<b>Shadow</b>	A shadow is a dark area where light from a light source is blocked by an opaque object.
<b>Opaque</b>	A material that you cannot see through.
<b>Transparent (see-through)</b>	A materials that lets light to pass through so that objects behind can be clearly seen.
<b>Translucent</b>	A material allowing light, but not detailed shapes, to pass through; semi-transparent.
<b>Planet Earth</b>	Earth is the third planet from the Sun and the only planet known to have and support life. About 29.2% of Earth's surface is land made up of continents and islands.
<b>Unique</b>	Being the only one of its kind; unlike anything else.
<b>Alien</b>	Extra-terrestrial life is life that may occur outside Earth and which did not originate on Earth.
<b>Foreign</b>	Of, from, in, or characteristic of a country or language other than one's own.

### Art & DT:

- Divi lamps are made from clay. Clay can be modelled using hands and tools
- Cutting, layering and sticking can create models, collages and puppets

### UNICEF Conventional Rights of a Child:



UN CRC Article 8

I have a right to an identity



UN CRC Article 14

I have the right to have my own thoughts and beliefs and to choose my religion with my parents' guidance

### Feeling Curious? Links to more knowledge:

**Books:** *The Space We're in* by Katya Balen, *The Darkest Dark* by Chis Hadfield, *The Owl who was Afraid of the Dark* by Jill Tomlinson, *The Day I Met my Shadow* by Melissa Brun, *There's an Alien in your Book* by Tom Fletcher, *The Three Little Aliens and the Big Bad Robot* by Margaret McNamara.

**Videos:** [Spooky Science- Look Behind You](#)  
[Science Experiment- Light& Dark](#)

**Interactive Games:** [Phonics Play- Picnic on Pluto](#)

[Ten interesting facts about Diwali](#)