

Future City: Where does the darkness come from?

Year Group: 2/3

Scientist

Light

- recognise that they need light in order to see things and that dark is the absence of light
- notice that light is reflected from surfaces
- recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- recognise that shadows are formed when the light from a light source is blocked by an opaque object
- find patterns in the way that the size of shadows change

Geographer

Locational knowledge

- identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

Philosopher

What would it be like if the sun always shone?

Do we need darkness?

Do animals need the dark?

What would happen if it was dark all the time?

Author

(Reader)

Emily Brown and the Thing
Rama and Sita

Author

(Writer)

Character description
Potion
Non-chronological report on
Things.

Artist

Art & Design

- improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay)

Engineer

D&T: Make

- select from and use a wider range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing), accurately

Historian

RE

Understand the big
frieze, old and new
testament and the story
of Christianity.

Mathematician

Place value – numbers to
1000.
Addition and subtraction
Times table Rockstars.

Wider learning experiences

Create a shadow puppet show

Resources

Fairy lights, air drying clay, tea lights, mirrors, black paper (and fabric if possible), variety of lights, torches, a projector, a selection of materials (opaque, translucent, coloured etc)

Lead State of Being with NC objectives

Supporting States of Being with NC skills

Opportunities to enhance

Not key focus within this enquiry