

# Imagine: Light

## English

**Diva Lamps** - Share the story of Rama and Sita with children, follow this with other stories from the Hindu faith. Discuss with them different gods and what they represent. Ask children to then write a story or character description about a god of their choice. Get them to storyboard their idea first, this could be made into a play script for children to perform.

**Lighthouse** - Using one of the lighthouse mystery stories listed as a stimulus, get the children to write their own lighthouse-based mystery stories. Use a range of story planning techniques and ensure children understand that they need to build up the suspense of a story and maintain it. Scooby Doo cartoons are excellent for this and clearly show a formula that children can adapt. Will they have a mysterious lighthouse keeper? Will there be a ghost ship? There will undoubtedly be a storm! Where will their imaginations take them?

**Compact Disc** - With the picture of the compact disc as a stimulus ask the children what song they think is on it. Water? Light? Rainbows?

It may even be about reflections in a metaphoric sense. Whatever their decision, get them to write the lyrics to the song. Remind them that they will need to include a refrain, or chorus. Use the rhyming loop cards to get children to start to think in rhyme. The song could be done individually, in groups or as a whole class.

**Shadows** - Share Robert Louis Stevenson's poem *My Shadow*, from *A Child's Garden of Verses*, with the children. What happens to our shadows when they are not with us? Peter Pan's shadow had a life of its own. Don't they all? Ask children to write what their shadows get up to when the sun goes down and the lights go out.

**Northern Lights** - Children could imagine they have travelled to Finland to see the Northern Lights. Show them film footage of the Northern Lights and elicit time connectives and adjectives. Use this event for children to focus on for newspaper article writing. They could interview each other and some may even want to take on the role of Finnish Minister for Tourism or a scientist as well as fellow spectators.

## Twinkl Resources

### Diva Lamps

[Storyboard Templates](#)

[Features of a Play Script Display Poster](#)

[Hindu Gods Role Play Masks](#)

[Hindu Gods Fact Cards](#)

### Shadows

[Y3-Y6 - Planning Your Writing \(Fiction\) - Teaching Ideas and Resource Pack](#)

### Compact Disc

[Rhyming Loop Cards](#)

### Lighthouse

[Expanding Sentences Story Starter Teaching Pack](#)

[Story Genres Detective Mystery Display Poster](#)

[Words and Phrases to Create Tension Suspense and Mystery Word Mat](#)

### Northern Lights

[Newspaper Report Planning Worksheets](#)

[Reading/Writing: Features of a Newspaper Report PowerPoint](#)

## PSHCE

Discuss the importance of being seen in the dark with the children, especially at this time of the year when it gets dark earlier. Use reflective materials and hi-vis jackets to give examples of how wearing these can keep them safe, especially when riding a bike. Use in conjunction with science lessons to design a reflective school bag or item of clothing.

## Music

**Diva Lamps** – Ask the children to listen to some traditional Hindi devotional songs for Diwali. Discuss the instruments used, are they all familiar? Children could listen to a range of Hindi songs as part of their Diwali celebrations or focus on the sitar and play them some examples by Ravi Shankar or Shahid Parvez. Ask them to listen carefully and identify the rhythm and pulse in the tunes they hear.

**Northern Lights** – Listen to the sounds of the Northern Lights. The radio waves that interact

with the magnetic fields of the Earth create some interesting sounds. Children can investigate radio waves in musical instruments including the theremin maybe as part of a science investigation into sound. Listen to songs such as *Good Vibrations* by The Beach Boys, *Race for the Prize* by The Flaming Lips and *Incense* by Erykah Badu. There is a lot of 1950s sci-fi film music that could be explored as well. You could ask the children to try and recreate the sound without using a theremin create and other sci-fi sound effects; e.g. in Doctor Who, the sound of the TARDIS taking off was created by scraping keys along a piano string.

### Twinkl Resources

#### Diva Lamps

[Rhythm and Pulse Lesson Teaching Flipchart](#)

## Art & Design

**Turner** – Show children the work of JMW Turner, paying particular attention to his use of clouds and light. There are some great examples of his work that can be shown to the children, such as *Rail, Steam and Speed* and *The Fighting Temeraire*. Take the children outside and get them to lie on their backs to make observational sketches of the sky, considering colours, textures and patterns.

Where is the light coming from? Use watercolours to create their own Turner inspired paintings of the sky.

**Hindu Gods** – Look at different Hindu god sculptures. Use these as a stimulus for children making their own clay sculptures of a Hindu god that can then be painted.

### Twinkl Resources

#### Turner

[The Turner Prize PowerPoint](#)

#### Hindu Gods

[KS2 Art Sculpture PowerPoint](#)

## Geography

**India** – Children can compare their local area with one in India. Look at the similarities and differences, geographical and human features. They can do a study of the River Ganges and its role in everyday Indian life.

**Northern Lights** – Explore the Arctic and northern Europe, where the lights are clearly visible. If you are in parts of Scotland or the north of England, they may sometimes be visible to you. Use the Arctic teaching ideas web to inspire your cross-curricular teaching and learning.

### Twinkl Resources

#### Northern Lights

[Northern Lights Display Photos](#)

[Arctic Lesson Plan Ideas KS2](#)

#### India

[India Atlas Challenge Cards](#)

[India Vocabulary Cards](#)

[World Map Poster](#)

## Science

**Light (LKS2)** - Give the children old CDs to experiment with reflections of light. The PlanIt unit will help you deliver lessons on light, shadows and reflection using a range of practical games and activities.

The lessons can be adapted to include children's learning connected to the pictures this week with plenty of cross-curricular opportunities.

**Light (UKS2)** - Children could use old CDs and prisms, like in the lens of a lighthouse, to separate thin shafts of light into the colours of the spectrum (refraction). Children can explore light

in its different forms, its effect on how we see things, shadows, reflection and refraction through the PlanIt unit. There are a number of practical activities including making a periscope, learning about Newton's theory of light and colour as well as making shadow puppets which can all be linked to learning related to the pictures this week.

**Arctic Explorers** - Children can investigate the Arctic region and research life there, linking to geography. They can discover who and what lives there and use classification keys.

### Twinkl Resources

#### Arctic Explorers

[PlanIt - Science Year 4 - Living Things and Their Habitats Lesson 4: Classification Keys Lesson Pack](#)

### Light

[PlanIt - Science Year 3 - Light Unit Pack](#)

[Light and Shadow PowerPoint](#)

[PlanIt - Science Year 6 - Light Unit Pack](#)

[Newton's Disc](#)

## Design & Technology

**Diwali Recipes** - Make some of these recipes with the children and invite parents and guardians to share them with the class as part of a Diwali celebration.

Create a pop up story book inspired by one of the Hindu god stories or the story of Rama and Sita.

**Design Lighthouse** - Set children the challenge of designing a lighthouse that will withstand the force of the waves. Encourage the children to consider the shape of the base. What is the best shape to deflect the impact of the water? Study historic lighthouses such as John Smeaton's Eddystone Lighthouse and the Bell Rock Lighthouse designed by Robert Stevenson (grandfather of the author Robert Louise Stevenson).

### Twinkl Resources

#### Diwali Recipes

[Diwali Recipe Book](#)

## Computing

**Desktop Publishing** - Children can create a poster, leaflet or pamphlet on an area of learning in this unit using either a desktop publishing application or a word processor that allows you to use textboxes. This can be an advert for something, information or a newsletter.

### Twinkl Resources

#### Desktop Publishing

[PlanIt - Computing Year 3 - Drawing and Desktop Publishing Unit Pack](#)

## Maths

**Measure** - Children can use the ingredients for their Diwali recipes to explore measure and multiplication of quantities. This activity can also be used to convert measurements.

**Data Collection** - Use information collected about lighthouses, or data collected about reflective and non-reflective materials to use as data for graphs and pie charts. They also collect

information on Hindu gods and their personalities and characters and convert into venn or carroll diagrams.

**Geometry** - Children can draw a range of 2D shapes using given angles and dimensions that they can then make into Rangoli patterns by using reflective symmetry. Use Rangoli patterns to explore symmetry.

### Twinkl Resources

#### Measure

[Converting Metric Measures Resource Pack](#)

#### Data Collection

[Carroll and Venn Diagram Worksheets](#)

#### Geometry

[Year 6 Geometry Shape Draw 2D Shapes Maths Mastery Activities PowerPoint](#)

[Rangoli Patterns Symmetry Activity](#)

## Religion

**Diwali** - Share the story of Rama and Sita as in English lessons and discuss the festival of Diwali with the children. Engage them in a multi-sensory experience as much as possible with sounds, colours, smells, tastes. Even teach them Bollywood style dancing! Discuss why Diwali is such an important festival in the Hindu calendar. If possible, take them to your nearest Mandir to find out more first hand.

Children can make Diwali cards, Rangoli patterns and diva lamps to celebrate. Use as an opportunity to learn about the Hindu faith in more detail.

**Light** - Building on children's understanding of light as a symbol of purity and hope in different religions, ask children to investigate how light is used in the Bible as a symbol of God and as positive notion in psalms and in scripture.

### Twinkl Resources

#### Diwali

[KS2 Diwali Teaching Resource Pack](#)

[Diwali Fact Cards](#)

[All About Diwali PowerPoint](#)

[Diwali eBook](#)

[Rangoli Patterns Templates](#)

#### Hinduism

[PlanIt - RE Year 3 - Hinduism Unit Pack](#)

### Relevant Books/ Texts/Films

**Bella Baxter and the Lighthouse Mystery** - Jane B. Mason

**The Mysterious Lighthouse at Chelton** - Ruth Benjamin

**The Little Book of Hindu Deities** - Sanjay Patel

**Ramayana: The Divine Loophole** - Sanjay Patel

**Northern Lights** - Philip Pullman

**The Light at Tern Rock** - Julia L. Sauer

**A Child's Garden of Verses** - Robert Louis Stevenson