

Theme: Twinkle Twinkle

Year 2 Autumn 2

Learning Intentions	Content / Activities	Resources / ICT	Monitoring / Evaluation Assessment
<p>Children will become aware of light sources and the differences between night and day</p>	<p>Activity 1 : Gather children together on carpet/story area. Show children bag full of surprises. Tell them that there are things in the bag. Pick a child to select one, discuss, what would you use it for, what does it do? Bring items out one by one and encourage discussion, giving encouragement where appropriate to encourage children to generate ideas and offer words to describe what these things are for Show children the images and sort into light sources, not light sources. Follow up: Any questions which arise from the session should be scribed by the teacher to form part of the planning board: What do we want to find out?</p>	<p>Range of items and photos of items which give light</p>	<p>Self and peer assessment. Use a range of effective questioning techniques. AfL Monitoring of WAU books across the year band.</p>
<p>Children will be aware of what gives light</p>	<p>Activity 2: Light sources Recap from previous activity What is light? Where does it come from? Use sorting cards and large sorting hoop, create a class Venn diagram of light sources. Activity: Children will cut and stick sources of light in to their own Venn diagram (Activity sheet in Year 1 Folder) Plenary PowerPoint Sources of Light (Year 2 Public Folder)</p>	<p>Light sources worksheet PPT sources of light</p>	

<p>Children will be aware of light at night</p>	<p><u>Activity 3 Night & Day</u></p> <p><u>Task:</u> What do you do at night? What do you do during the day? Watch video/PPT of day and Night (Year 2 Public) and generate class discussion Finish with the city video What uses lights at night? Where does light come from at night?</p> <p><u>Activity</u> Use Color Pencil to draw a picture of them outside at night. Draw in the light sources. Import picture to Chatterpix. Talk about the lights you can see at night. Save to Seesaw</p> <p><u>Plenary</u> Use A3 board (twinkl) to sort activities we do at day and night Any questions which arise from the session should be scribed by the teacher to form part of the planning board: What do we want to find out.</p>	<p>Day night video PPT iPads with Chatterpix and Color Pencil</p> <p>day and night sort</p>	
	<p><u>Activity 4: Be seen at night</u></p> <p><u>Task:</u> Look at the photographs (Year 2 Public Folder) of reflective clothing And items Generate a class discussion on keeping safe in the dark</p> <p>Activity Make Cinderella/Mr Incredible be seen at night Make a bright costume for the character.</p> <p>Plenary Who else wears reflective clothing e.g. firemen, police officers, paramedics, construction workers etc.</p>	<p>Cinderella and Mr. Incredible sheet Bright/metallic coloured paper for activity PPT reflective clothing</p>	

<p>Children will be able to talk about and match shadows</p>	<p><u>Activity 5: Shadows</u></p> <p><u>Task:</u> To discuss and identify shadows PowerPoint on shadows (Year 2 Public); generate class discussion.</p> <p>Activity 1 Children will go outside on a sunny day and draw around each other's shadows. Extension: Measure the length of the shadow Weather permitting, go back outside later in the day and see if the shadow has changed</p> <p>Activity 2 Match the shadows to the object (worksheet in Public Folder)</p> <p>Plenary Can you match the shadow to the object (large version printed from Year 2 Folder)</p>	<p>PPT Shadows Shadows worksheet Chalks</p>	
<p>Children will be able to talk about nocturnal animals</p>	<p><u>Activity 6: Nocturnal Animals</u></p> <p>Task: What animals come out at night? Use PowerPoint (Year 2 folder) to generate class discussion on animals which are nocturnal.</p> <p>Activity: Children will complete a Day and Night Activity. They will draw a day animal and a night animal.</p> <p>Plenary: Sort nocturnal and diurnal animals using nocturnal animal sorting activity in Year 2 folder.</p>	<p>PPT Animals Night and day animals worksheet Animal sort</p>	

Other Curricular Links:

Art: Light and Dark Pictures

Lanterns

ABL:

Mirrors & torches in creative tray

Circuits-Let there be light!

Reflective symmetry in creative tray

What materials does light travel through

Bear Cave Role Play Area

Nocturnal fact file at writing table

Maths:

Venn Diagram, Sorting, bar chart on light sources

PDMU: Road safety, Shine bright like a star/star of the day.