

Year 1 – ICT – Autumn 2 Light Sources

ICT Short Term Planning

Year Group: 1

Term: Autumn 2

Subject area: ICT

Coverage of Skills	Generic Skills (Most children will...)
Graphics Multimedia Data Handling ICT in Society	-I can print using the print icon -I can load a program with support -I can use a range of ICT equipment and software -I can talk about what I am doing with ICT -I can use appropriate ICT vocabulary

	Learning Objectives	Task design to meet the learning objective (including key questions)
1/2 Guy Fakes	<p>I can use Purple Mash 2Paint to;</p> <ul style="list-style-type: none"> • Draw with the pencil and paint brush • Use the fill button • Create/choose a shape • Change the size of the tools • Change colour of the pencil • Rainbow effect • Enter text • Clear the screen • undo • Bin 	<p>Graphics I can use Purple Mash 2Paint to make a firework picture.</p> <ul style="list-style-type: none"> • Model loading Purple Mash 2Paint from webpage • Model how to select and change paintbrush/pencil tool. • Model how to change colour of brush/pencil tool. • Model how to make changes using 'undo' and 'bin' icons. • Model using shape buttons. • Demonstrate rainbow effect tool • Children to experiment using tools to create their picture <p>Challenge: To save their picture. To type a caption underneath.</p>
3	<p>I can use Purple Mash Sources of Light</p> <p>To open the programme:</p>	<p>Text/Graphics I can use the Purple Mash Sources of Light programme to sort and label sources of light. Children to select the light sources from the images box and leave the items that are not light sources.</p>

Year 1 – ICT – Autumn 2 Light Sources

	Home/Topics/Science/ Light and Dark.	<p>Drag and drop the images and do the same with a label or type them in the box below.</p> <p>Challenge: Evaluate and explain your choices to a partner. Can you use the draw tool to draw another light source of your own choice.</p>
4	<p>I can collect data and enter it in Purple Mash 2Count.</p> <ul style="list-style-type: none"> • Use a tally chart • Use counter program to input data • Compare data and discuss results 	<p>Data Handling</p> <p>I can fill in a data collection sheet about light sources in the school.</p> <ul style="list-style-type: none"> • Model how to collect data on a tally chart <p>I can enter information into a template on a computer to make a graph</p> <ul style="list-style-type: none"> • Model inputting data into Purple Mash 2Count. • Discuss the axes, title, labels and what the graph will show us <p>I can talk about the results shown on my graph</p> <ul style="list-style-type: none"> • To be able to say three things about our graph. <p>Challenge: Children to work together to collect information about light sources they have at home and enter on a graph. Explain their findings and compare to someone else's.</p>
5/6	<p>I can use a camera to;</p> <ul style="list-style-type: none"> • Take a photograph • Use the zoom <p>I can print my picture with a caption.</p>	<p>Multimedia</p> <p>I can take photographs of my school to compare to photographs of other locations. (Geography- India.)</p> <ul style="list-style-type: none"> • Model how to turn a digital camera on • Model how to hold/steady a camera • Model how to zoom in and out • Take a photograph zoomed in and zoomed out to see the difference. • Children to print their photo. <p>Challenge: Upload photograph and save in 'Pictures' for the children to access. Children to open their photo in 2PublishPicture and Text and write a caption.</p>

Year 1 – ICT – Autumn 2 Light Sources

	Cross – Curricular links
	Multimedia
	Websites
	ICT in society