

Leintwardine Endowed CE Primary School Learning Journey Key

'Letting Our Light Shine'



SUBJECT : Computing

YEAR : B

TERM : Summer 2

YEAR GROUPS : 3/4

Key Question: Why are simulations useful?

Question	Vocabulary to Use	Information which will help me	Can I....?
What are simulations?	Simulations, Modelling, Advantages, Disadvantages, Point-of-view, Solution,	 <p>Locked Out A lively dog causes problems for Mariza, her baby brother Sam and her mum.</p> <p>Use the arrows to navigate through the simulation</p>	Explain that computer simulations can represent real and imaginary situations?
What can different simulations do?	Realistic, Unrealistic, Analysis, Decision, Evaluation	 <p>The Dark Side of Elpmis Trainee astronauts get ready for a mission to the planet Elpmis.</p>	Give suggestions of advantages and disadvantages of simulations? Explore a situation?
Can I analyse and evaluate simulations?		<p>A simulation might be used where the real-life situation is:</p> <ul style="list-style-type: none"> ⌚ too dangerous ⌚ too quick to study ⌚ too time-consuming ⌚ too expensive to create. <p>A computer simulation is a program that models a real-life situation. It lets you try things out that would be too difficult or dangerous to do in real life.</p>	Use a simulation to try out different options and to test predictions? Evaluate simulations? Recognise patterns within simulations and make and test predictions? Identify rules and relationships which simulations use? Create my own simulations?