

Summer 2 Year 3 Simulations

Vocabulary

Simulation – A computer simulation is a program that models a real-life situation. They let you try things out that would be too difficult or dangerous to do in real life.

Sequence of Learning

To consider what simulations are.

To explore a simulation.

To analyse and evaluate a simulation.

Key Resources

purple
mash

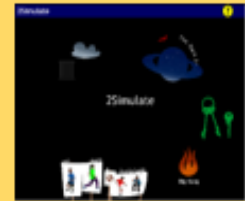


National Curriculum Links

- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Key Images

2Simulate Main screen.



Locked Out: A lively dog causes problems for Mariza, her baby brother Sam and her mum.



The Dark Side of Elpmis: Trainee astronauts get ready for a mission to the planet Elpmis.



Key Questions

- What is a computer simulation?
- What kind of simulations are there?
- Are there any problems with simulations?