

iSimulate

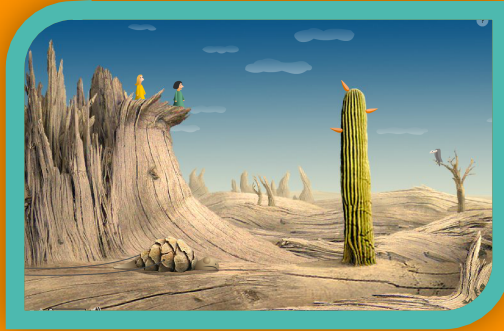
Learning

- ✎ To understand that computer simulations can represent real or imaginary situations
- ✎ To understand that computer simulations are guided by rules
- ✎ To explore the effect of changing variables in a simulation using them to make and test predictions
- ✎ To understand that simulations can help people try things quickly and inexpensively
- ✎ To understand that simulations help us understand difficult concepts
- ✎ To design and produce a computer simulation or adventure

Key Vocabulary

Simulation	A program that imitates a real-life scenario
Rules	The way things should be done
Choice	Deciding what will happen
Variables	Things that change

Examples



Key Questions

What real life situation is this simulating?

What choices did you make?

If you change this or that what happens?

How many rules have you found?

Is there a pattern?

