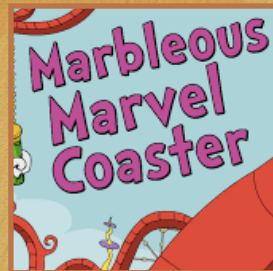## Overview

A simulation is computer software that lets you 'pretend' to try out something that would be too dangerous, difficult or expensive to try in real life.

A simulation can let you test 'what happens if I ...' situations without risk. They can show what happens next or what happened in the past.

Why are simulations used in real life?

Simulations are very useful all over the world, because in a simulation things can be controlled that might not be easy to control in real life. They can use or smaller versions of an object or system for testing or practice past.

cost

difficult

DANGER dangerous

Examples of simulation software

The Great Fire of London
Play!
Please turn your sound on

Marbleous Marvel Coaster

Rocket BUILDER

Welcome to Animal Crossing Pocket Camp
©Nintendo

Real Life Examples at Work

flight simulator

medical simulator

simulation   software   test   expensive   dangerous   difficult