Unit 3: Physics

Lesson 4: Forces

Activity 3 (⏱ 10' minutes): Gap text

Fill the gaps with the words you've heard in the video.

AddForce is a function used to start a physics object moving, or to change the speed or direction of its movement. The function has one _____ parameter and one _____ parameter.

The first parameter is a vector that represents a direction and _____ of the force to be applied.

The second parameter is the mode of force being used. If this is left out it will default to the first type.

- _____ is used to continuous changes that are affected by mass.
- _____ is for continuous changes that are not affected by mass.
- _____ is for an instant change that is affected by mass
- _____ _____ is for an instant change that is not affected by mass.

You should also keep in mind that forces are _____ by the Rigidbody's drag property. For example, if the drag is increased, then the force applied will be less effective.