

## Lesson 2 - Logical Thinking - Extra Activities

<http://www.stencyl.com/learn/extra2/>

### I'm Trapped! ★★★★★

Right now, the Hero can walk off the screen. Make it so that he's not allowed to do that. Pretend that there is an invisible wall on all 4 sides of the stage.

**Tip:** Use the [set x/y] and [width/height of self] blocks.



### Wrap Around ★★★★★

In a retro space shooter game such as Asteroids, ships that go off one side of the screen appear on the other side.

Change your Hero to behave like this.

**Tip:** It's a similar solution to I'm Trapped!

You do not need to make it so that if the Hero is half-way off the screen, he also appears halfway on the other side.

### Ice ★★★★★

In jump and run games such as Super Mario Bros, some surfaces are slippery. Even if you let go of the controls, the Hero will continue moving for a while before coming to a stop.

Change the Hero to behave like this.

**Tip:** It has something to do with setting the Hero's speed.