# 7.2 Catch the Candies

#### Intro

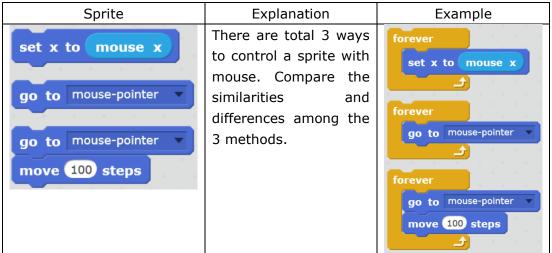
Mike has arrived beside the volcano already and he wants to catch the candies by controlling Mike No.1 with mouse.

#### Task

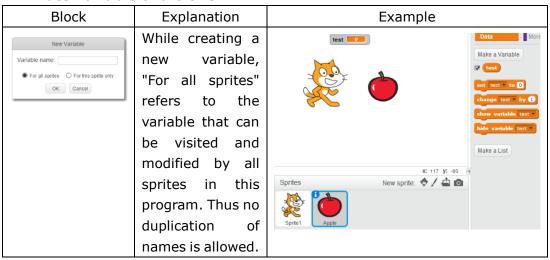
1. Design a program that enables the mouse to control Mike No.1 to catch candies. Meanwhile, add scoring function.

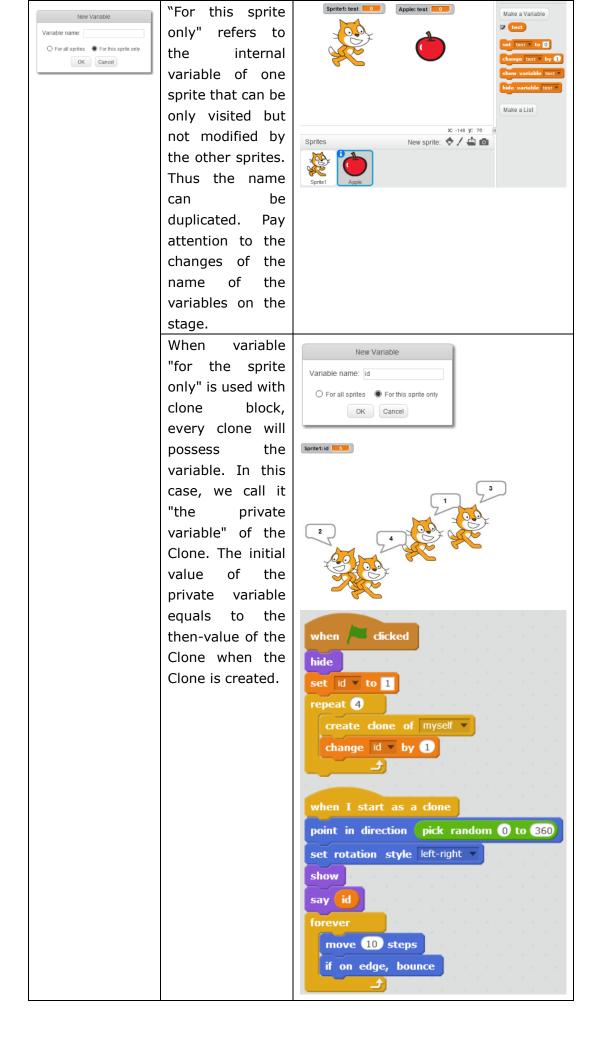
### **Start Learning**

#### 1. Make the sprite move with the mouse



#### 2. Private Variable of a Clone

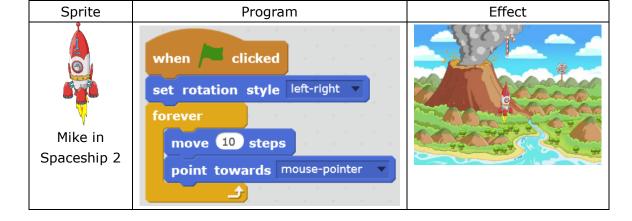




### **Achieve**

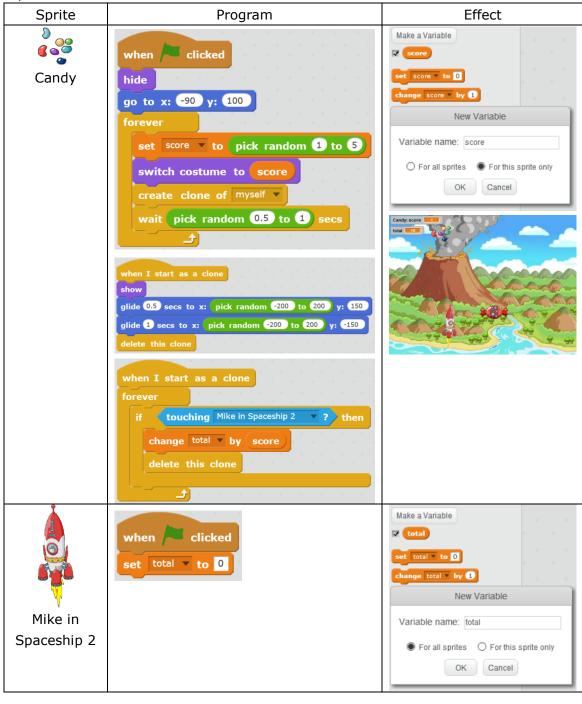
#### 1. Control the Spaceship with mouse

Import "Mike in Spaceship 2.png".



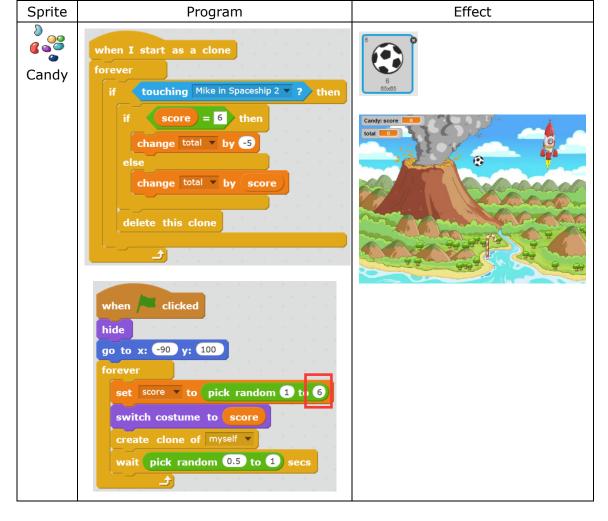
#### 2. Achieve the Functionality of Scoring

Assume every candy stands for different scores, 1 point for Candy 1, 2 points for Candy 2, and so on. Then each clone of the candy requires a private variable to represent its score. In the meantime, we also need an overall variable "for all sprites".



### **Additional Training**

To get a point-deduction sprite, all we need is to do some modifications on the program.



#### **Homework**

- 1. Achieve the effect of candies falling down and rotating simultaneously.
- 2. Utter a sound every time one candy is collected.

## What You've Learnt?

