

Learning Computer Programming can be Fun!



If you want to use Scratch on your computer, you can download it for free at: <http://scratch.mit.edu/download>

Image Source: <http://scratch.mit.edu/>

Exercise 1: Getting Started

- Import or Paint a new background of your choice by clicking on Stage, then on the Backgrounds tab.
- Select a new Sprite of your choice from the file system, by clicking on Sprite 1, then on the button.
- Drag and drop at least one **Control** puzzle piece, and one **Looks** puzzle piece into the center panel.
- Create a program that responds to user input by changing the appearance of the Sprite.
- Test and run your program by clicking on the button.
- Have a workshop participant use your program and sign their name here: _____



Exercise 2: Loops

- Import or Paint another new background of your choice by clicking on Stage, then on the Backgrounds tab.
- Select a new Sprite of your choice from the file system, by clicking on Sprite 1, then on the button.
- Drag and drop either a Forever If or Repeat Until **Control** puzzle piece – these are examples of loops.
- Create a program that uses a loop and responds to a user input by changing the location of the Sprite.
- Test and run your program by clicking on the button.
- Have a workshop facilitator your program and sign their name here: _____