EV3 – Programming Primer

By the time you are done with this lesson, you should be able to:

1. Use EV3 Trainer
2. Use EV3 Trainer and EV3-G programming software at the same time
3. Open/Save/Save As EV3-G programs
4. Write a simple program
5. Download & run the program
6. Use comments in your EV3-G program

* Open the EV3 Trainer. Under *Basics* there is a video titled **Using the software**.
* Open the EV3 Programming Software alongside the EV3 Trainer.
* As you watch the video, pause the video and do everything the narrator tells you to do. Also, fill in and answer the questions that follow along.

1. What does the EV3 Programming Software allow you to do?
2. What is the difference between a program and a project?
3. To begin programming press: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. To create a new program press: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or just press the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ sign.
5. Where are the mode settings for each block?
6. How do you save a program?
7. How do you decide what to name your program?
8. To send a program to the robot do the following:
9. There are 2 ways to run programs that have been downloaded to your robot. Describe one way.
10. Describe how you open a program already on the brick.
11. How do you close the right side panel (if it is open)?
12. Name 2 ways to look at programs that are very large.
13. How do you add comments to a program and what is the purpose of doing so?