NXT – Programming Primer

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

1. **Use NXT video Trainer 2.0”**
2. **Use NXT Trainer and NXT-G program software at the same time**
3. **Open/Save/Save as NXT-G programs**
4. **Write a simple program**
5. **Download & run the program**
6. **Use “comments” in your NXT-G program**

Step 1: Open NXT VT (video trainer); click on “Basics”; Click on “Using the NXT Software”

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 color should the initial screen be?
2. What is the first step to start a new program?
3. Push \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to create a new program?
4. How do you close the right side panel (if it is open)?
5. Describe how you open a program already on the brick
6. To send a program to the robot do the following:
7. How do you run the newly downloaded program?

Write each tip as the video goes…

Tip #1:

1. Describe the basics of programming
2. What are specifics of each block?

Tip #2:

1. Describe the difference between a move block and a motor block.
2. How do you get rid of a block?

Tip #3

Tip #4

1. How do you enter comments?

Tip #5

1. How do you move to see a very long program?

Tip #6

1. How do you save programs?

1. How do you change the name of a program?