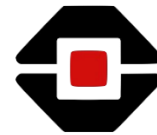


# Parent Update

## Session 2: Advanced Programming Basics



### Words we learned:

**Drive Base:** a basic build used to perform short programs.

**Programming Brick:** Is the base of all builds within the EV3 or NXT program.

### What we did:

Today we took a look at the **drive base** and the **programming brick**.

We discussed how they work and what they will do when they are programmed and/or used with a program.

### Skills we used:

- Start a program.
- Build, program and test models
- Follow step-by-step building Directions.
- Experiment with motors and sensors.
- Build a 3D model from 2D drawings.
- Create a program using block commands.
- Programming it using Rotations, degrees and time to complete task in their journals.

### Ideas you can use at home:

- Ask your child to explain what he/she learned about the programming brick and the basic programming blocks.
- Learn about what sensors, movement and energy do in robots by visiting <http://www.galileo.org/robotics/intro.html>
- Next week, we will be putting our knowledge of the Gyro and Ultrasonic sensors to use as we finish, program and run the Gyro Boy.

**Always check the suitability of a website before entering it with your child.**