

Navigating Around the Brick Command Center

Name: _____

Directions: Go through the following tasks to become further acquainted with Brick Command Center.

Opening/Finding Brick:

- 1) Plug the IR tower into one of the USB ports in the back of the computer.
- 2) Make sure that the RCX is on, and that the IR tower is facing it.
- 3) Double click on the Brick Command Center icon.
- 4) Select Standard Firmware, USB 1, and RCX.
- 5) Go to File >> New. .

Menus:

- 1) Briefly browse through each of the menus that we went through in class.
- 2) Place the mouse over each of the buttons on the toolbars that we discussed (long enough to see what each thing is).
- 3) Go to Tools >> Direct Control. Observe what happens when you click the various buttons.
- 4) Go to Tools >> Diagnostics. Set the “Power Down” time to 5 minutes.
- 5) Go to Tools >> Brick Piano. Play a series of notes, and then hit play.
- 6) Go to Tools >> Brick Joystick. Make your robot move in different directions.
- 7) Go to Tools >> Remote. Control your robot with it.
- 8) Open each of the Tools menu features we just went through with the buttons on the Toolbar.
- 9) Turn the RCX off by pressing the “Turn Brick Off” button.

* Get Reilly's initials _____

Writing Your First Program/Insert File Function:

- 1) Write the following program. Be very careful that it is exact!

```
task main ( )
{
  OnFwd(OUT_A + OUT_C);
  Wait(200);
  OnRev(OUT_A + OUT_C);
  Wait(200);
  Off(OUT_A + OUT_C);
}
```

- 2) Press the “Download Program” button in Brick (blue arrow facing downward).
- 3) Press the run button. Your first program is complete.