

## **NXT Debugging Tips**

If the NXT is non-responsive:

- Start with replacing rechargeable battery with 6 AA batteries
- Might be a contact issue with battery
- The bottom spring might be bent
- Wiggle and straighten the bottom spring

If the NXT remains unresponsive:

- Try to update the firmware
- Replace the rechargeable battery with 6 AA batteries to ensure it is not a simple contact issue
- Connect the NXT using a laptop with Mindstorms software via a USB cable, if there is a slight clicking, the NXT lost its firmware

If the NXT cannot locate firmware (keeps clicking):

- Leave the 6 AA batteries on board and the NXT unit turned with the batteries facing you
- Access reset button
- Reset button is in the left most hole behind the USB port
- Use the end of a paper clip to access the reset button
- Hold down the reset button for 15 seconds
- Reconnect to computer and download firmware

Rechargeable Battery Issues:

- If there is no light (green or red) while connected to the battery charger, the battery is dead (each battery should last approximately 500 charges)

If you follow these steps and still are experiencing difficulties, please contact Liesl Hotaling or contact LEGO Education Technical Support directly (866-349-5346).