



Introduction to BOOST

By Sanjay and Arvind Seshan



About Boost



- **What is BOOST?**
- BOOST Creative Toolbox is a new product by LEGO(R) is for ages 7 and up. Like MINDSTORMS, BOOST has a programmable Hub, which connects via Bluetooth LE to a tablet (iOS/Android).
- Your kit comes with the following electronics:
 - Move Hub (With 2 encoded motors)
 - 1 Additional Encoded Motor
 - 1 Color/Distance Sensor Combination
- It also includes:
 - 1 Poster
 - Playmat for Testing Programs
 - 844 Extra LEGO Brick Assortment
- You will need 6 AAA batteries to power the BOOST

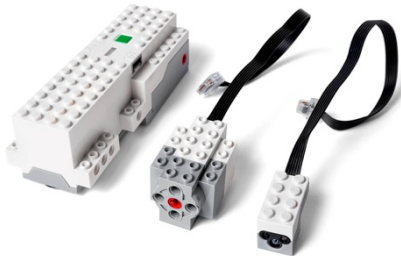
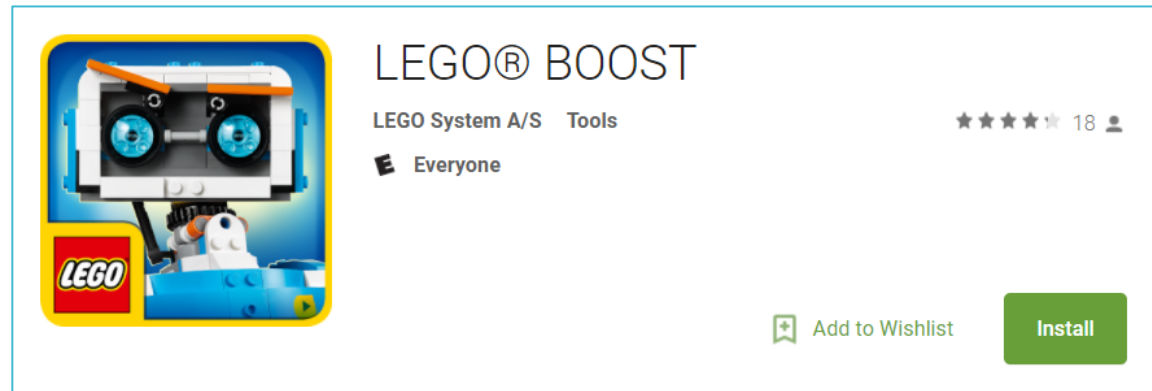


Image Credit: LEGO

Installing the Software



- The BOOST only supports Android 5.1.1+ and iOS 10+ Tablets (as of 2017)
- To download the app, click on the links below:
 - Android: <https://play.google.com/store/apps/details?id=com.lego.boost.boost#xlink>
 - iOS: <https://itunes.apple.com/app/lego-boost/id1217385613#xlink>
- If you are using a PC/Mac, you can try this project: <http://www.android-x86.org/> to install the app.

Build your Robot



- Start by building the “Getting Started Vehicle”
- The App contains the Build Instructions for each of the models.
- The BOOST experience is centered around the concept of Build-Code-Play. Users should to begin to code each model’s behavior when indicated within the App.



Image Credit: LEGO

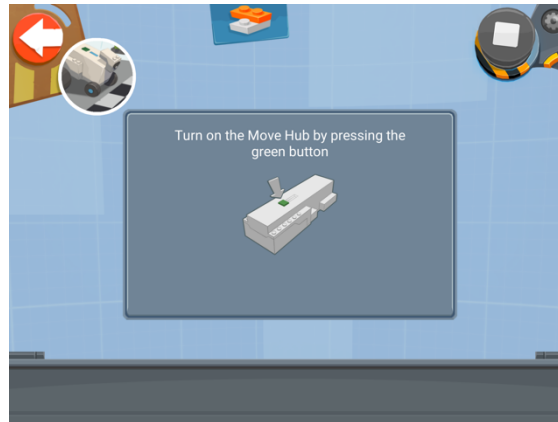
Connect to your BOOST



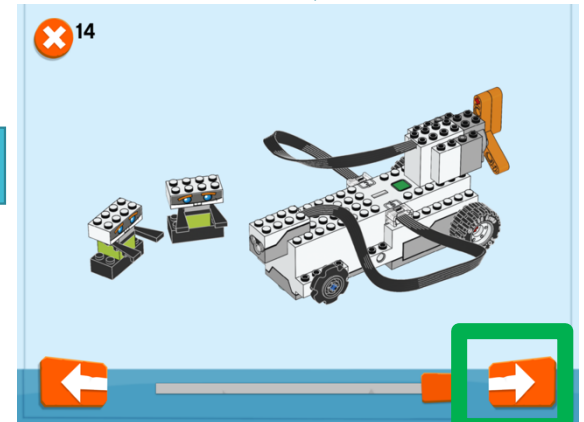
Click on your robot



Select the first option




Press the green button on the hub



Build your robot, or if you already have built one, skip to the last page. Click next.

- Once your robot is built, follow the instructions on the screen and connect to your BOOST Hub



Now you are ready
to start
programming!



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Credits

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- Photo Credits: LEGO, Screenshots taken from the LEGO BOOST App