

How do I get started?

In this section, you will find some practical tips from the teachers on the SFI Discover Weave Project on how to get set up with using the LEGO robotics in your class:

Before using the kits with your class;

1. Open LEGO brick bags and put bricks in colour coded trays.
 - Label each functional part (hub/motors/sensor/matrix)/container with the same name.
 - This can be done with a class, especially the older classes.
 - If you have a younger class, enlist the help of 5th or 6th class students!
 - Store white charging cable and spare parts box separately.
2. Download the Spike (or WeDo) app to student devices.
 - If using a laptops, can be useful to have printed URL/QR code available for students to access the online version or add link to students' Google Classroom etc...
 - Keep the physical hubs and the app updated.
 - Use the white USB cable to connect the hubs to a laptop/desktop computer to update.
3. Bookmark web version on teacher desktop.
 - This can be handy for discussing code, the Unit Plans etc on the whiteboard.
4. Charge hubs before use!
 - Ordering a multi-port adapter can make it easier for charging multiple hubs.
5. Give yourself plenty of time.
 - Getting to grips with the materials will be a lot of fun but will also take some time to get used to the different components.
 - Highlight importance of looking after the pieces and allow time to tidy up.
 - Place a lunchbox on the teacher's desk and mark "spare pieces".

Using the LEGO kits with your class;

- Students work in pairs to become familiar with the motors/hubs etc - after several sessions, students can work in groups.
- Turn Bluetooth on on the tablets.
- Rename the hubs (this will need to be done when used for the first time).
- Turn the hubs off when finished with - Hold for 16 seconds until light stops flashing!
- Allow the app access to the microphone and photos on student devices.

