

# Quick Start Guide

## LEGO® Education Simple & Powered Machines

### 1. Unpack and Organize

Unpack the LEGO® brick set.



Use the sorting tray to sort the elements. The lid card shows how we recommend to organize the pieces. Insert batteries into the Power Function Battery Box (batteries not included).



Students can sort the remaining boxes and insert batteries during the first lesson.

### 2. Teacher Preparation

Download the curriculum pack from the URL that is printed on the lid of each set, or visit: [www.LEGOeducation.com/start](http://www.LEGOeducation.com/start)



Choose the lessons you would like to do.

The recommended progression is:

1. Principle Models (teach Simple & Powered Machines basic principles)
2. Main Activities (apply the principles to real-world investigations)
3. Problem-Solving Activities (solve open-ended problems using the set)

To see standards alignment view our curriculum mapping.



### 3. Classroom Preparation



Plan to spend one to two lessons, depending on whether you are working on the Principle Models, Main Activities, or Problem-Solving Activities.

These three tools can help you to facilitate each lesson:



**Teacher's Notes:** Guided questions, related subjects, theoretical background information, a recommendation for how to structure your lessons, and an Observation Checklist that can be used to track your student progress.

**Building Instructions:** A & B booklets allow two students to build parts of the same model simultaneously.



**Student Worksheets:** Guide the students through the learning experience and with a self-assessment rubric.