

# Quick Start Guide LEGO® Education Simple & Powered Machines

For further support, please see the Glossary for explanations of the most commonly used terms, or learn about LEGO Education Academy's face-to-face training by visiting [LEGOeducation.com/training](http://LEGOeducation.com/training).

## 1. Unpack and Organize

Unpack the LEGO® brick set.



Use the sorting tray to sort all of the LEGO elements from one set. The lid card shows an image of how we recommend pieces to be organized.



Let the students sort the remaining boxes 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)

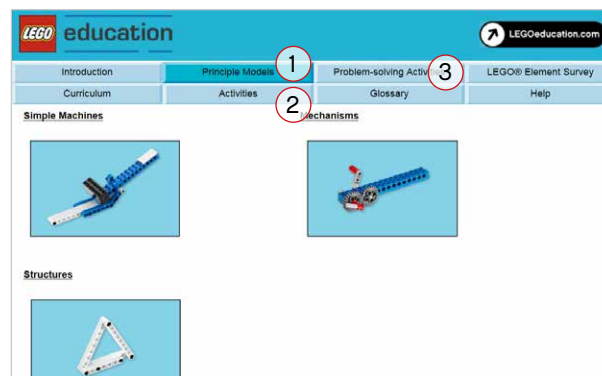


Refer to the **Curriculum Grid** to see how each activity is connected to the Next Generation Science Standards and Common Core State Standards.

Choose the activity you would like to do.

The recommended progression is

1. Principle Models
2. Activities
3. Problem-Solving Activities

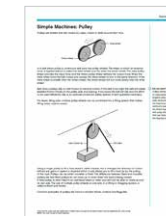


## 3. Classroom Tips



Plan to spend one to two lessons, depending on whether you are working the principle models, 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 students' progress.

**Building Instructions:** A & B booklets allow two students to build simultaneously.



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