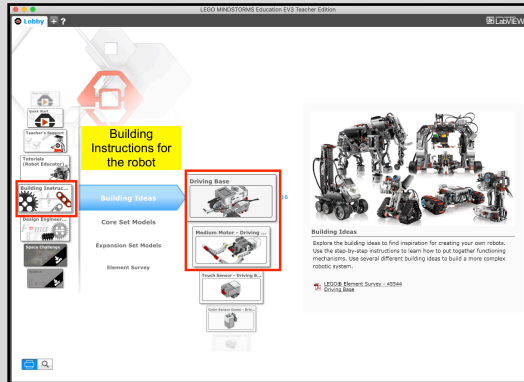
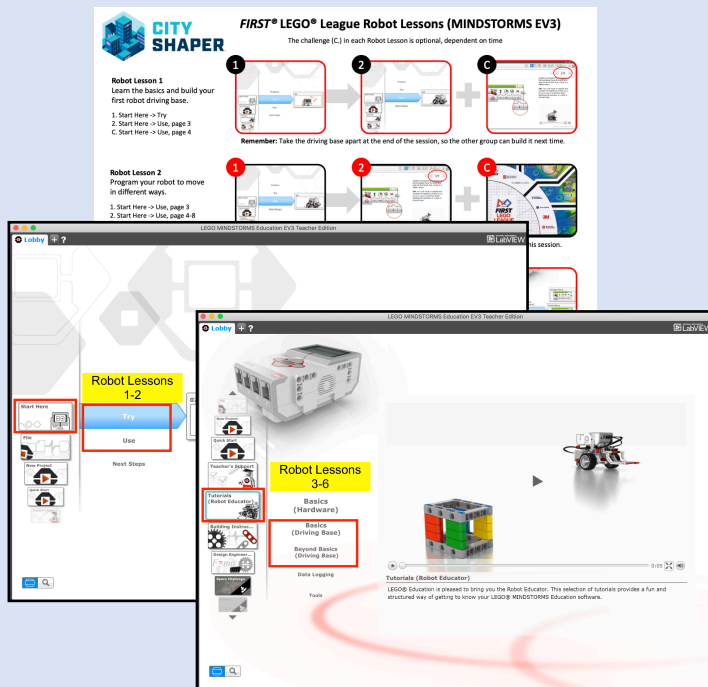


CITY SHAPER ROBOT LESSONS 1-7



- 1) Download and install the LEGO Education EV3 Software: education.lego.com/en-us/downloads/mindstorms-ev3/software
- 2) From the Lobby, go down to **“Building Instructions”**
- 3) Build **“Driving Base”** and **“Medium Motor”**



- 1) Download the Crane Mission Challenge (aka Overview) as it shows you how to find all the other lessons: firstlegoleague.org/challenge
- 2) Robot Lessons 1-2 are in the **“Start Here: Try”** and **“Start Here: Use”** section from the Lobby
- 3) Robot Lessons 3-6 are in the **Basics** and **Beyond Basics** sections of **“Tutorials: Robot Educator”**

CITY SHAPER Challenge and Resources:

File		
Challenge	Letter	A4
CITY SHAPER Kickoff Video		
Mission Model Building Instructions		
Challenge Updates - updated 19 September		
Game Guide	Letter	A4
Rubrics	Letter	A4
Table Building Instructions		
Table Overview	PDF	A4
Low Ink Certificate	PDF	A4
Color Rich Certificate	PDF	A4
Score Sheet		
Crane Mission Lesson		
Crane Mission EV3 Solution		
Crane Mission EV3 Program		

- 1) Robot Lesson 7 can be downloaded here: firstlegoleague.org/challenge
- 2) Read pg. 2 of the **Crane Mission Lesson**
- 3) Modify the robot you built using the **Crane Mission Solution**
- 4) Download the **Crane Mission EV3 Program** file from the same page