

***FIRST*® LEGO® League Jr. Challenge**

Alabama Coaches Workshop
24 August 2019

The Challenge

Boomtown is growing!

Can you design and create a building for Boomtown?

During the season, your team will learn about designing and engineering buildings. The building they design will go into creating their Model, and everything they learn, do, and are will go into their *Show Me* Poster.

Challenge Components

***FIRST*® LEGO® League Jr. is for teams of up to 6 students between the ages of 6 and 10.**

Teams participating in *FIRST*® LEGO® League Jr. have two major components to complete as part of their season.

- . The Model**
- . The *Show Me* Poster**

The Model

Teams build a representation of what they are researching, based off the Challenge.

Must be made of LEGO® Parts

May incorporate the Inspire Set

Must use LEGO® Education WeDo 2.0 or WeDo to build and program

Use your imagination as you design and build. Be creative!

The *Show Me* Poster

The *Show Me* Poster requires teams to illustrate their research and team journey. It provides an opportunity for them to share what they studied, what they learned, and to show information about the team and each team member.

Use a flat poster board or tri-fold presentation board

Use words, drawings, photos, and small objects to tell about what they have learned during their Challenge research

Show where they hunted for answers and describe the people they spoke with on their journey

Describe their Model

Tell about the team itself



The Inspire Set

Every team will receive an Inspire Set.

The Inspire Model is a starting point for the team when they move on to build their own model.

This year's Inspire Set has two configurations – Elevator and Crane.

You can incorporate the Inspire Set however the team sees fit, and you can read more about it in the Team Meeting Guide and Engineering Notebook.