

Focus Area 4:

Share It!



Overview

Junior FIRST® LEGO® League team members will work together to create their *Show Me* poster and practice answering questions and sharing information about their model.

Sessions: 2 Sessions

Time

- Session 1: Create a *Show Me* Poster
Suggested Time: 1.5 hours
- Session 2: Prepare and Practice a Presentation for a Jr.FLL Expo
Suggested Time: 1 hour

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Jr.FLL is the result of an exciting alliance between FIRST and the LEGO Group.

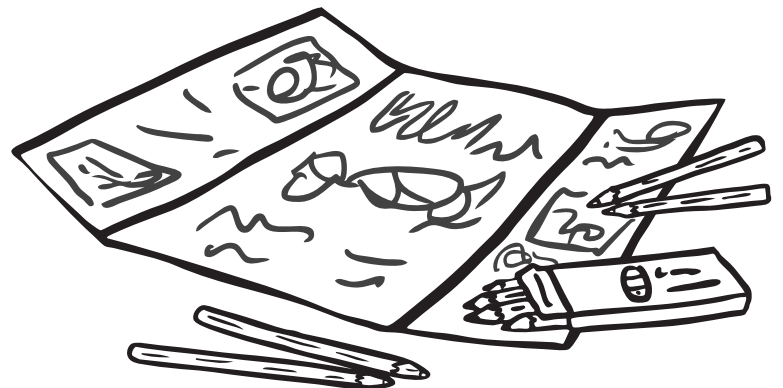
Materials

- 36" x 48" tri-fold board, or a 22" x 28" poster board
- Scissors
- Glue
- Construction Paper

Learning Objectives

Language Arts

- Acquire and accurately use grade-appropriate, domain-specific words and phrases.
- Ask and answer questions about information from a speaker.
- Explain one's own ideas and understanding.
- Follow agreed-upon rules for discussions.
- Present information in a clear way using pictures, text, and speech.



Session 1

Create a Show Me Poster (1.5 hours)

← Last Time:

In the last session, *Build It! Session 4: Refine and Improve a Model*, the team tested and redesigned their model.

↓ This Time:

In this session, the team will create their *Show Me* poster, which they will use when they attend a Jr.FLL Expo.

Inspiration

Suggested Time: 10 min

A centerpiece of the team's presentation at a Jr.FLL Expo will be their *Show Me* poster. Help the team walk through steps they will follow to create their poster.

As a group, read the guidelines for creating a *Show Me* poster in the *Show It* section of the challenge document. A condensed version of these guidelines is listed below:

Review the rules for the Jr.FLL *Show Me* poster:

- Use a 22-inch x 28-inch flat poster board or a 36-inch x 48-inch tri-fold presentation board—no bigger!
- You can use words, drawings, photos, and small objects attached to the poster to convey what your team learned.
- Talk about your team:
 - Your team name
 - Your team members (remember to make space to share something special about each one)
 - Your coach
- Talk about the places you hunted for answers and the people you asked.
- Talk about the part of the challenge topic that you chose to research.
- Talk about your model and your machine—what is moving, where, and how.

And remember, the most important thing is to have fun while you show your understanding of the challenge topic!

Hint: Get inspiration by using the Online Showcase to look at examples of posters from previous years.

Activity**Suggested Time: 75 min**

Team members will work together to create their *Show Me* poster. Refer to the *Show It* section of the annual challenge document for examples of different configurations for the poster.

1. Have team members gather information about each other. They will use this information to create the section of their *Show Me* poster that displays the team members. This can be done by playing the Interview Game.

The Interview Game:

The team members and the volunteers will sit in a circle and the coach will be the reporter. You will ask a question and go around the circle to get answers from everyone. Team members can also take turns acting as the reporter and asking interesting questions of their team mates.

Hint: Choose a different person to answer first for each question. Also, consider adding questions about this year's Jr.FLL challenge.

Ask questions such as:

- What is your name and how do you spell it?
 - How old are you?
 - What grade are you in?
 - What is your favorite color?
 - What has been your favorite part of Jr.FLL experience so far?
 - If you could be any LEGO element, which LEGO element would you be, and why?
 - What is the thing you most want to build using LEGO elements?
2. Continue compiling the information needed for the team's *Show Me* poster. Everyone will work together to complete the sections that are needed to make a *Show Me* poster.
 - Show your topic (this could be the title of your poster).
 - What specific area of the topic did you explore?
 - Show your research.
 - Show pictures of your team interview with an expert.
 - Show pictures of any field trips you took, or screen-captures of a virtual field trip.
 - Identify the types of sources you used to gather your information.
 - Highlight interesting facts you discovered.
 - Call-out the information on which you based your model.
 - Show your model.
 - What is it?
 - How did you make it?
 - What part moves and why?
 - Include a picture of the final model.
 - Include a picture of the team working on the model.
 - Show your team members.
 - Who is on the team?

- Who is the coach?
 - Did you talk to any experts?
 - Include information about each team member.
- 3. After all of their information is assembled, have the team work together to attach it the poster, using glue or tape.
- 4. Continue to decorate the poster to make it colorful, fun, and visually-appealing.

Follow-Up

Suggested Time: 5 min

Review the team's accomplishments from this session by discussing what the team did during this session.

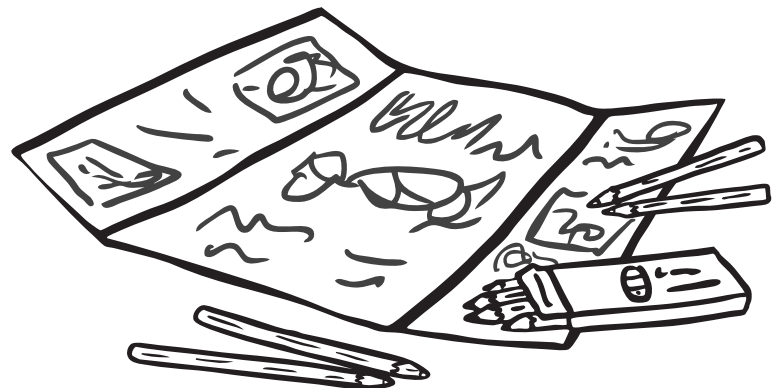
During this session, the team:

- Reviewed the rules for creating a Show Me poster.
- Gathered information about team members to use on their Show Me poster.
- Created the Show Me poster.

Prepare the team for their next session by asking each team member to write down one important fact about the challenge topic that they think should be mentioned in their presentation.

→ Next Time:

In the next session, *Share It! Session 2: Prepare and Practice a Presentation for a Jr.FLL Expo*, the team will develop the presentation they will use when speaking to reviewers at a Jr.FLL Expo.



Session 2

Prepare and Practice a Presentation for a Jr.FLL Expo (1 hour)

← Last Time:

In the last session, *Share It! Session 1: Create a Show Me Poster*, the team worked together to assemble the poster they will use at their Jr.FLL Expo.

↓ This Time:

In this session, the team will prepare and practice the presentation they will give to the reviewers at the Jr.FLL Expo.

Inspiration

Suggested Time: 10 min

During a Jr.FLL expo, volunteers called “reviewers” will be circulating the floor and asking each team to introduce themselves, explain their poster, and explain their model. It is important that team members get some practice doing this before going to an Expo.

Help your team prepare to present their research and model by following the suggestions below:

- Play a quiz game with questions based around the challenge topic and the team members’ research.
- Make a list of the points that the team thinks are important to mention when discussing their model and their research.
- Work together to come up with a title for the team’s model. Make a title card that can be placed in front of or above the model. Include the team’s logo.

Activity

Suggested Time: 45 min

While the *Show Me* poster is an important part of a team’s presentation at a Jr.FLL Expo, the team’s answers to questions and explanation of their project is also important.

1. Role-play with the team members to help them prepare answers for likely questions that the Jr.FLL Expo reviewers may ask.
2. Have the team assemble around their completed poster, and ask them questions as you would if you were a reviewer. Ask team members to take turns role-playing as if they are presenting their information to a reviewer.

Hint: Encourage team members to think about what would catch a reviewer’s eyes. What would make their presentation stand out or impress the reviewer.

Hint: Help your team to put their presentation speaking points onto cue-cards for easy reference.

Ask questions such as:

- Can you tell me about your team?
- Which area of the challenge topic did your team choose to explore?
- How did you hunt for information on the challenge topic?
- Can you tell me about your model?
- How does your model work?
- How could you share what you have learned?

Hint: Make sure team members understand that the reviewers are there to learn about the model, not to make them nervous. Present the review as a chance to show off a little and really highlight what they have accomplished.

3. Give feedback on the students' answers and have them evaluate their own responses. Ask them to make appropriate changes for the next time they practice.
4. Continue to have the team practice their presentation skills. Get permission for the team to put up their poster in their school, library, or local community center.

Ask parents, teachers, friends, or other community leaders to visit the team, and ask questions about their model and their research.

Give feedback on the students' answers and ask them to make appropriate changes for the Jr.FLL Expo.

Follow-Up

Suggested Time: 5 min

Review the team's accomplishments from this session by discussing what the team did during this session.

During this session, the team:

- Answered questions about their research.
- Role-played as if they were at a Jr.FLL Expo.
- Practice presenting to family, friends, or community members.

Prepare the team for success at an expo by asking team members to practice their presentation at home.

This is the last of the Focus Area sessions. After completing this session, the team should be ready to attend a Jr.FLL Expo.

Hint: After attending a Jr.FLL Expo, complete *Drop-In Session D: Celebrate Success!* for a fun way to wrap up the Jr.FLL challenge season.