FIRST LEGO LEAGUE
EXPLORE

ENGINEERING NOTEBOOK

MASTER PIECE

FIRST

LEGO education
## Core Values

<table>
<thead>
<tr>
<th>Core Value</th>
<th>Description</th>
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<tbody>
<tr>
<td>DISCOVERY</td>
<td>We explore new skills and ideas.</td>
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<tr>
<td>INCLUSION</td>
<td>We respect each other and embrace our differences.</td>
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<tr>
<td>INNOVATION</td>
<td>We use creativity and persistence to solve problems.</td>
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<tr>
<td>TEAMWORK</td>
<td>We are stronger when we work together.</td>
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<tr>
<td>IMPACT</td>
<td>We apply what we learn to improve our world.</td>
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<tr>
<td>FUN</td>
<td>We enjoy and celebrate what we do!</td>
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</tbody>
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Draw or write an example of your team using each Core Value when directed in the sessions!

You will develop new skills as you work together.
Activity 1 Tasks (15-20 minutes)

☐ Read the Explore story and explore the MASTERPIECE℠ theme.
☐ Talk about your own hobbies or interests.
☐ Think about how you use art or creativity in your hobbies or interests.
☐ Draw a picture of what you love to do.

Your team needs:

Where did you learn about your hobby or interest?

What **tools** or **objects** do you need for your hobby?

What I love to do:
Hobbies and Interests

Your team needs:

I love skateboarding! Help me show my friends how fun it is!

Activity 2 Tasks (15-20 minutes)

- Explore how people share what they love to do.
- Talk about places in your community where people share what they love to do.

Challenge

- Discuss the creative ways Izzy could get her friends interested in skateboarding.
- Use the prototyping pieces to build a place where Izzy could share her love of skateboarding.
- Share your ideas.

My ideas:
Team Journey

Explore the challenge

Learn about Core Values

Explore, create, test, and share as you go through the sessions

Create team model

Design team poster

Celebrate at an event

Engineering Design Process

EXPLORE

SHARE

CREATE

TEST

Explore, create, test, and share as you go through the sessions

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