

**FIRST  
LEGO  
LEAGUE**

EXPLORE

# ENGINEERING NOTEBOOK

「MASTER  
PIECE」



# Core Values

## DISCOVERY

We explore new skills and ideas.

## INCLUSION

We respect each other and embrace our differences.

## INNOVATION

We use creativity and persistence to solve problems.

## TEAMWORK

We are stronger when we work together.

## IMPACT

We apply what we learn to improve our world.

## FUN

We enjoy and celebrate what we do!

**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.**

# Session 1

## Activity 1 Tasks (15-20 minutes)

- ☐ Read the Explore story and explore the MASTERPIECE<sup>SM</sup> 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.

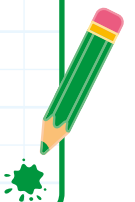
### Your team needs:



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!

Izzy



### 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.

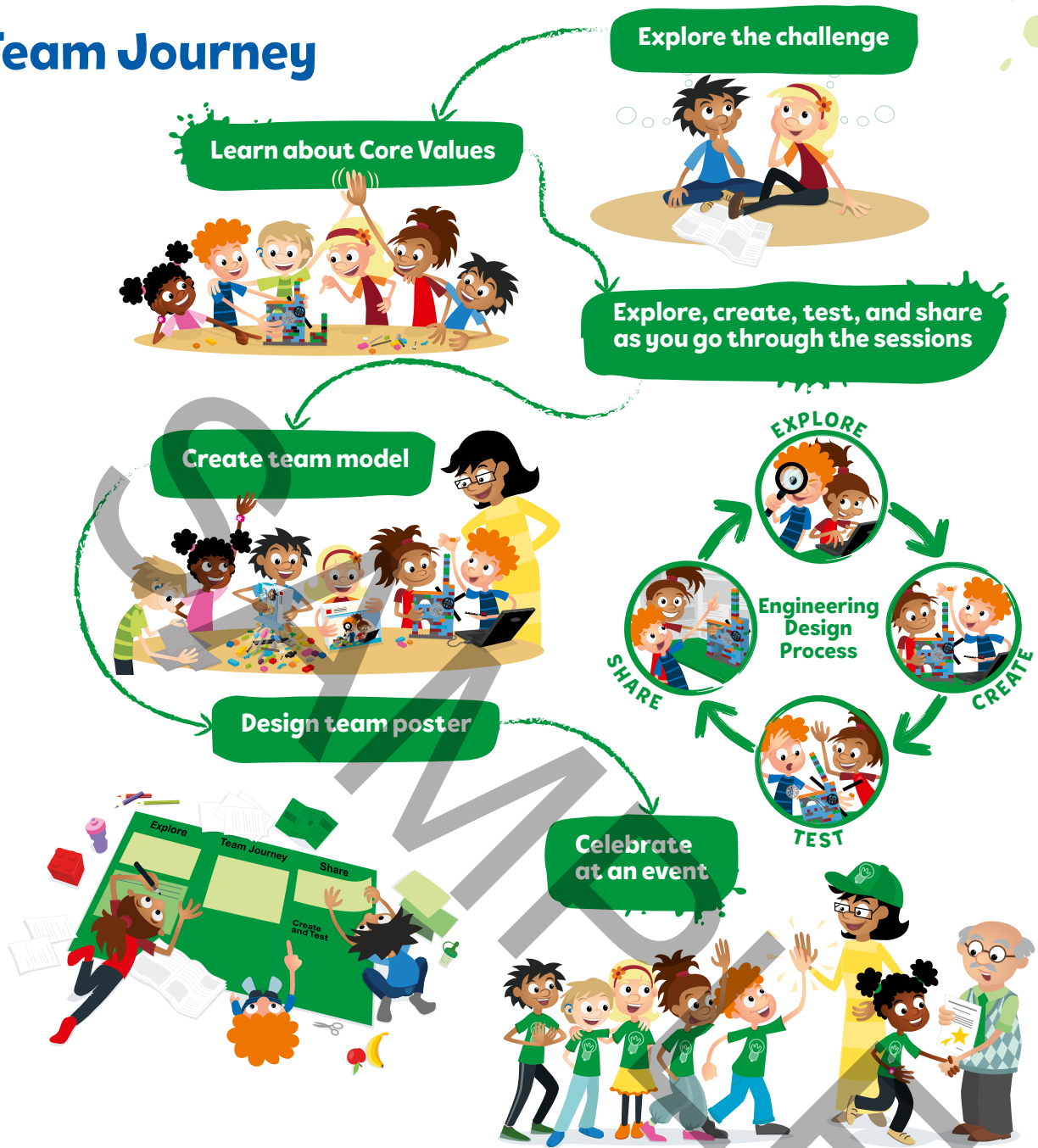
### Challenge

- ☐ 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



**FIRST<sup>®</sup> IN SHOW<sup>SM</sup>**

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