

ENGINEERING NOTEBOOK









Core Values

Show me how you use the Core Values throughout your experience!

DISCOVERY

We explore new skills and ideas.

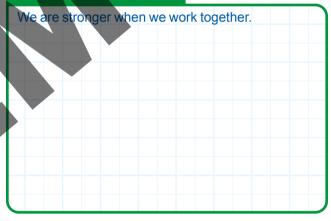
INCLUSION

We respect each other and embrace our differences.

INNOVATION

We use creativity and persistence to solve problems.

TEAMWORK



IMPACT

We apply what we learn to improve our world.

FUN

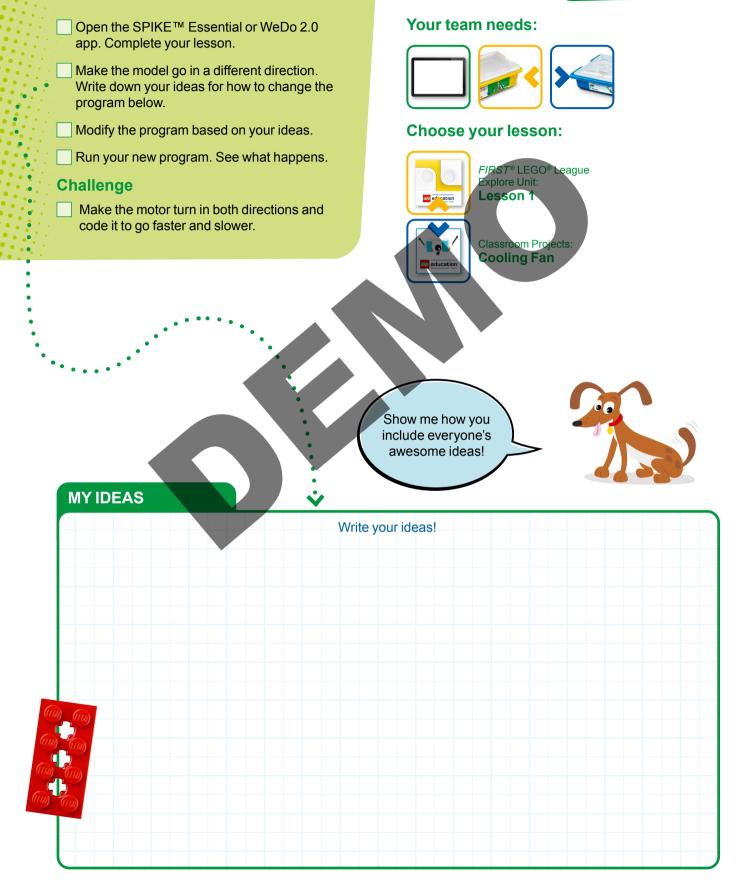
We enjoy and celebrate what we do!

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.

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Activity 1 Tasks (15-20 minutes)





Activity 1 Tasks (15-20 minutes)



- Open the SPIKE[™] Essential or WeDo 2.0 app. Complete your lesson.
- Code the model to play a different sound or flash a light. Write down your ideas for how to change the program below.
- Change the existing program based on your ideas. Test it out!

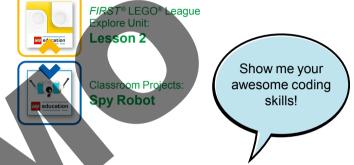
Challenge

Code the robot to play a different sound or show a different light. Code the model's motor to be triggered using a sensor.

Your team needs:



Choose your lesson:



MY IDEAS Write your ideas!



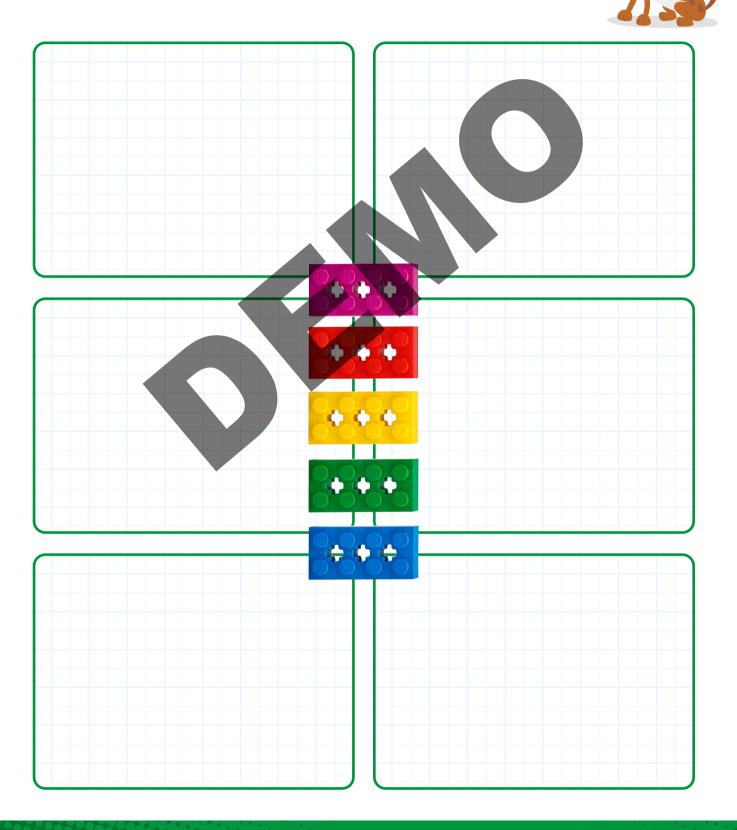
Show me how creative you can be!

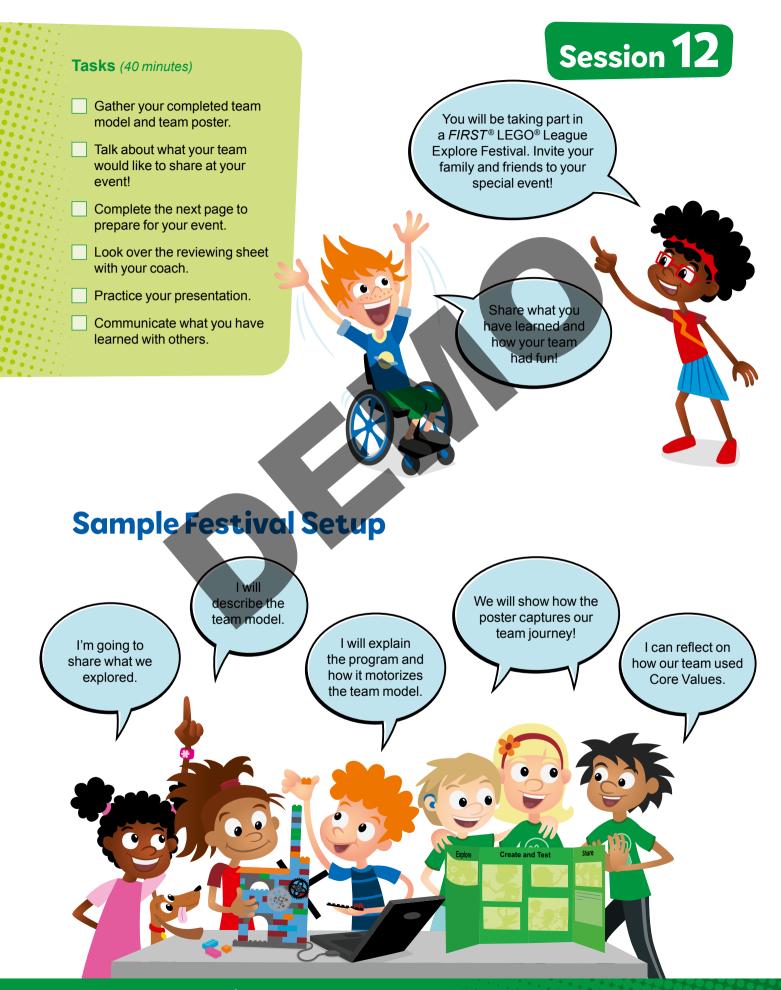
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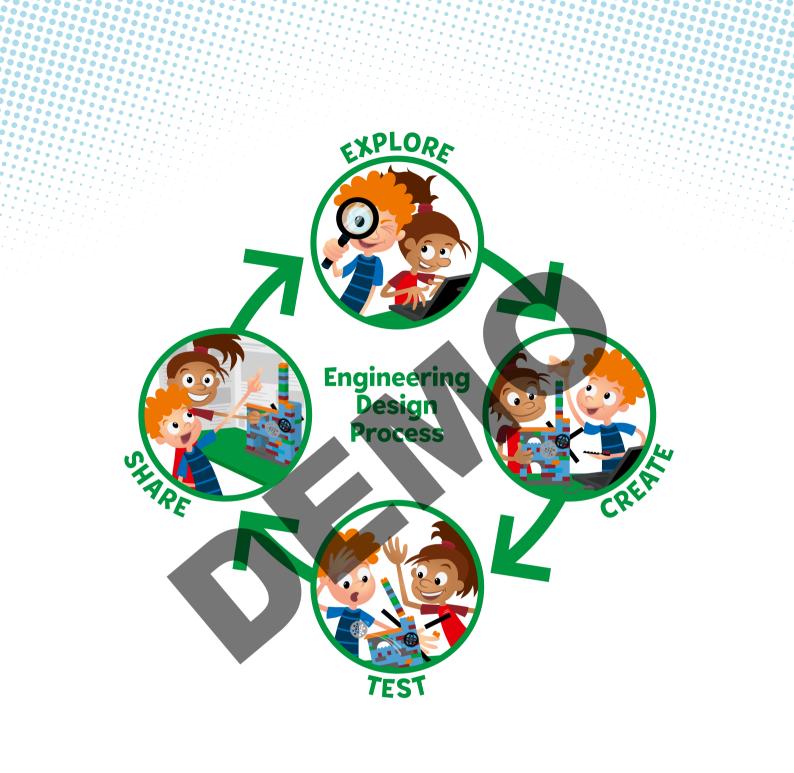
Team Poster

Here's your chance to capture ideas for your team poster.

Sample Topics: Explore, Create, Test, Share, Core Values, Team Journey











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