Kamflix Club



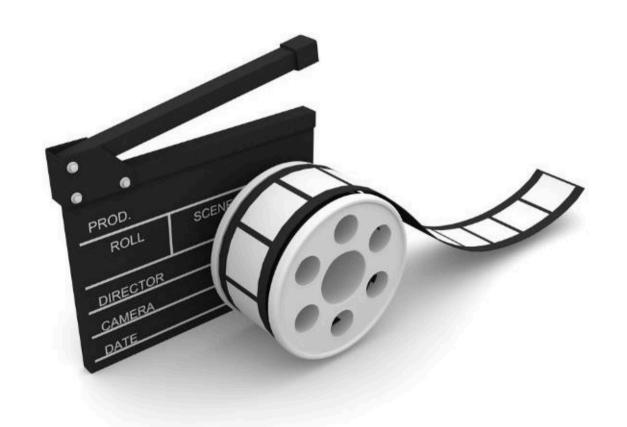
Let's Get Started







What is FIRST® LEGO® League?





Visit the

FIRST® LEGO® League

YouTube Channel

to watch the

SUBMERGEDSM season
launch video

FIRST® Core Values



We found we were stronger when we worked together.



We embraced our differences and ensured we all felt welcomed.



We applied what we learned to improve our world.





We enjoyed and celebrated what we did!



We explored new skills and ideas.



We used creativity and persistence to solve problems.

CORE VALUES

Demonstrate FIRST® Core Values in everything you do. Your team will be evaluated during the robot game and the judging session.



ROBOT DESIGN

Your team will prepare a short explanation on your robot design, programs, and strategy.



ROBOT GAME

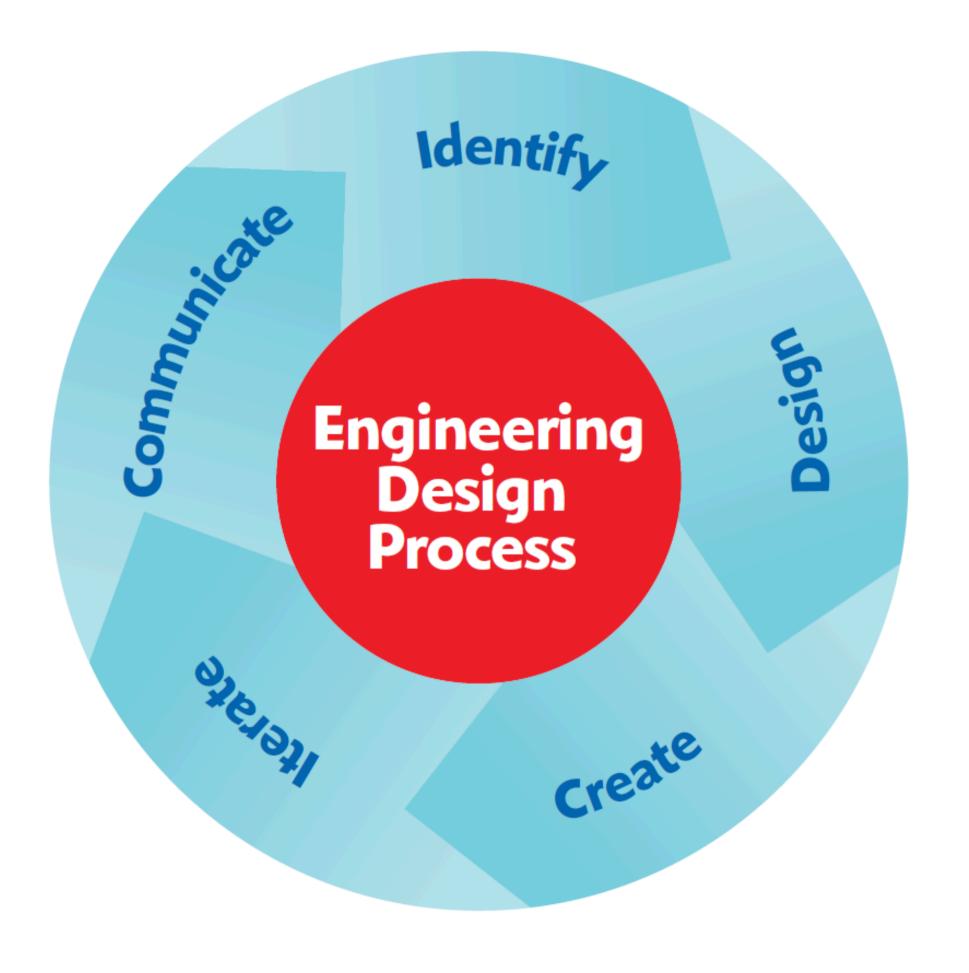
Your team will have three 2.5-minute matches to complete as many missions as possible.



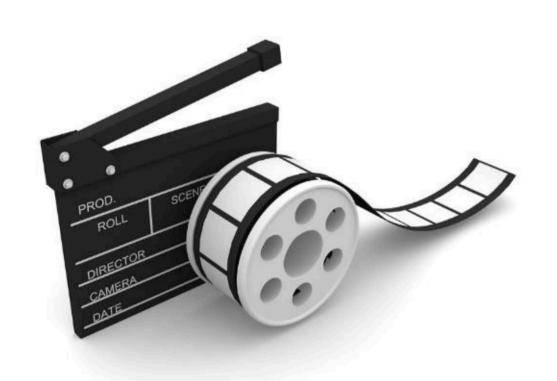
INNOVATION PROJECT

Your team will prepare a live, engaging presentation to explain the work you have done on your innovation project.





SUBHERGERS



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Team Journey Oesign Your Innovation Aroles Design Your Robor So Linding Design A Cocess Identify Cocess Communi: pesign Engineering Design Process lterate Create Use Core Values

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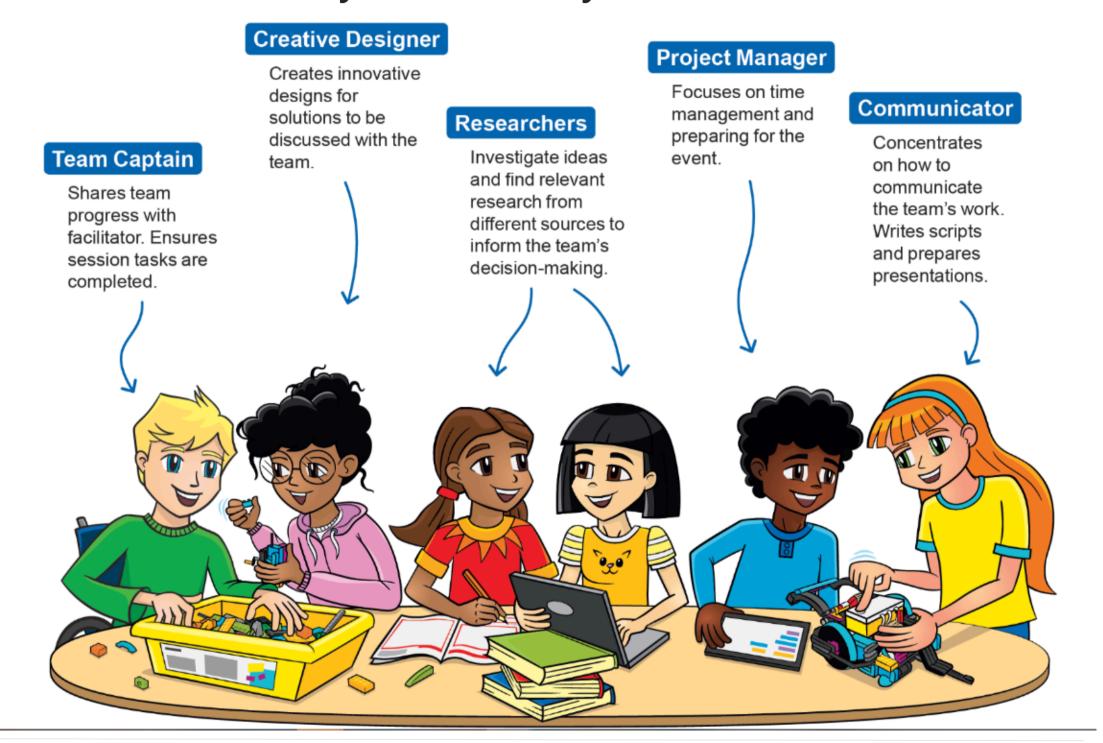
Team Journey





Team Roles

What roles will you use on your team?



Team Roles





Material Manager

Gathers materials needed for session and returns materials.



Builders

Assemble the LEGO mission models following the building instructions and build your robot.



Analyzes the Robot Game Rulebook and leads team strategy discussions on which missions to attempt.



Coders

Operate the device and creates the programs in the app.

What Does the Team Need?



Note: Other LEGO® Education sets such as MINDSTORMS® and Robot Inventor are also allowed.

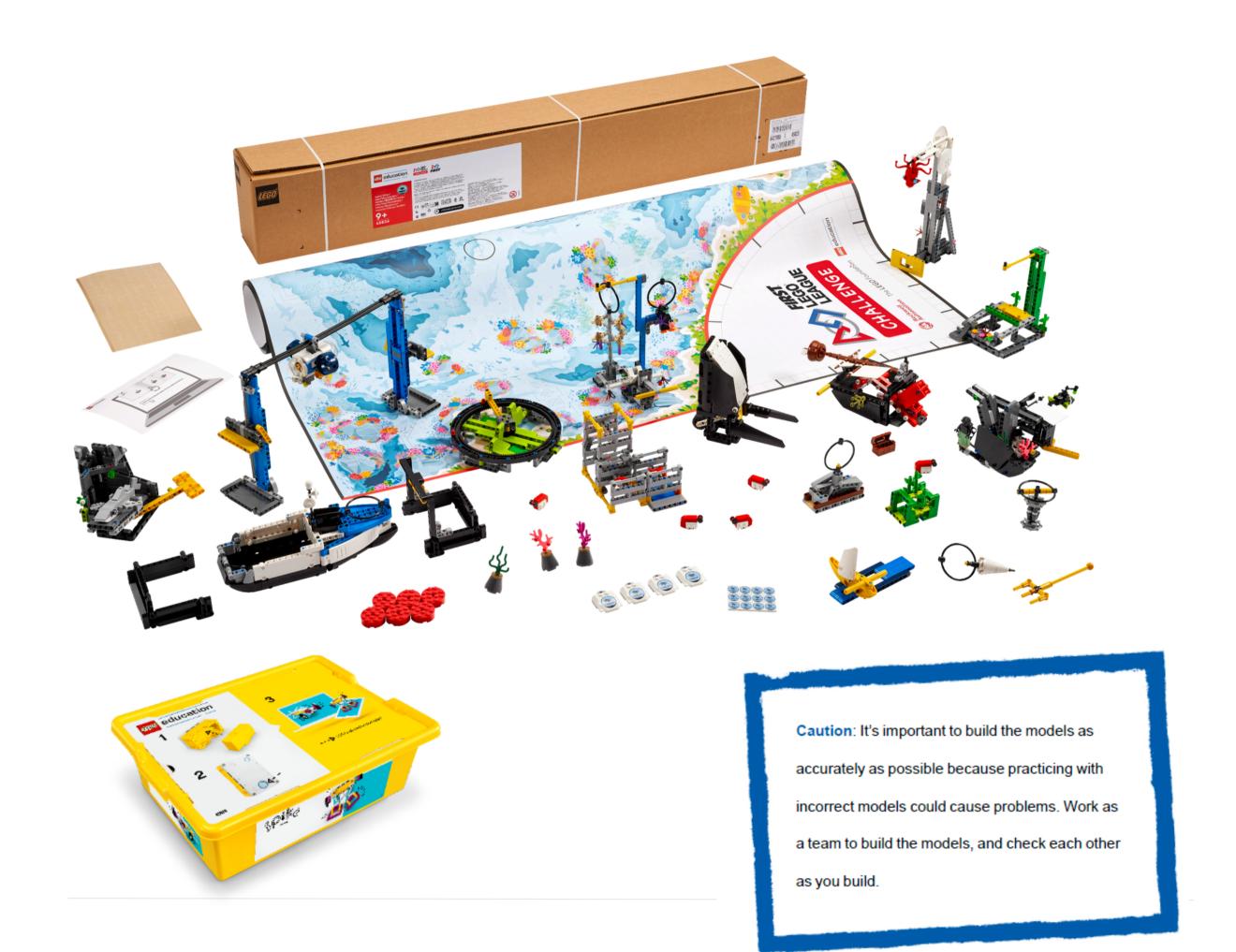
Electronic Devices

Each team will need two compatible devices such as a laptop, tablet, or computer. Prior to starting Session 1, you need to download the appropriate software (LEGO® Education SPIKE™ Prime or other compatible software) on to the device.







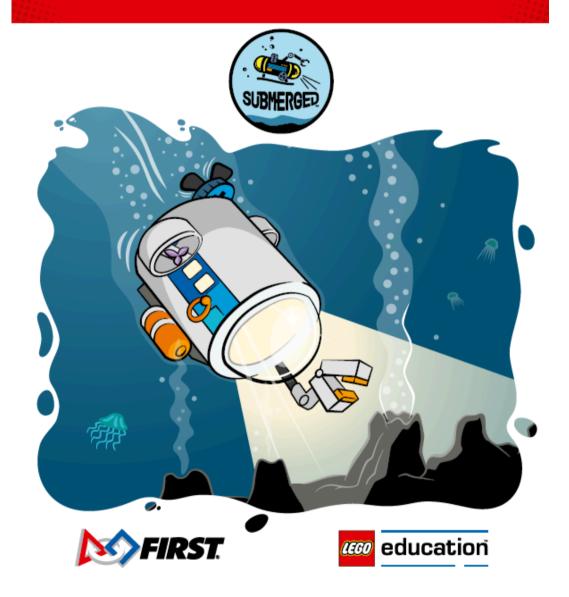




ENGINEERING NOTEBOOK



ROBOT GAME RULEBOOK





Connections

Investigate Different Subjects

Fields of Study

- Oceanography
- Marine Biology
- Coastal Management
- Marine Chemistry
- Geology
- Marine Technology
- Underwater Photography





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