



## TECHNICAL CHALLENGE

The Technical Challenge prompts students to complete tasks by using engineering, research, strategic planning, and related skills.



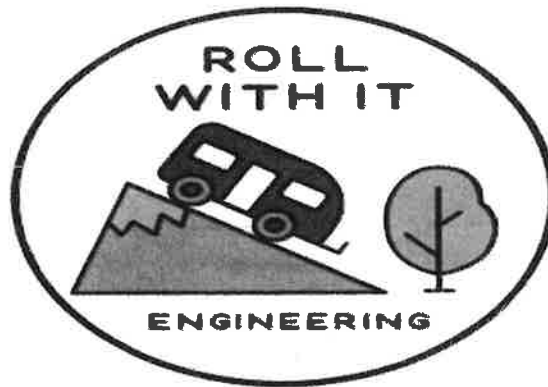
**A perilous situation! A daring escape! And 2 amazing devices that will overcome hazards! All of this awaits your team in this season's Technical Challenge!**

- Design and build 2 devices that use technical methods to overcome hazards.
- Create and present a story about a daring escape from a hazardous situation.
- Include a feat of skill that helps in the daring escape.
- Create and present two Team Choice Elements that show off the team's interests, skills, areas of strength, and talents.



## ENGINEERING CHALLENGE

Our Engineering Challenge asks students to explore and apply engineering skills and tools to design and build solutions to specific applications.



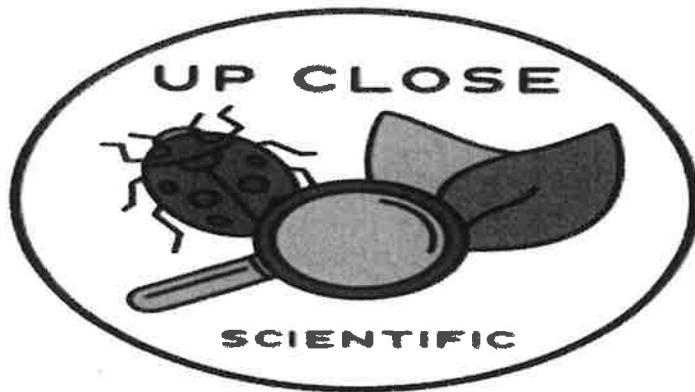
**Let's get rolling! Your team will create a structure that can roll down a ramp before holding as much weight as possible. This season's Engineering Challenge will be your chance to show how a legend is made.**

- Design and build a structure that can roll down a ramp and collide with the structure tester.
- Test the structure by placing weights on it.
- Create and present a story about how a character becomes a legend.
- Design and build a rotating object.
- Create and present two Team Choice Elements that show off the team's interests, skills, areas of strength, and talents.



## SCIENTIFIC CHALLENGE

Our Scientific Challenge blends the curiosity of scientific research with the creative expression of performance art.



**Get ready to think small! In this season's Scientific Challenge, your team will dive into a microworld where characters will encounter a mysterious object. What mysteries will be revealed?**

- Research the science of microscopy.
- Create and present a story about a character who encounters a mysterious object while in a microworld.
- Design and build scenery that brings the microworld to life.
- Design and create a visual effect that enhances the mysterious object.
- Create and present two Team Choice Elements that show off the team's interests, skills, areas of strength, and talents.



## FINE ARTS

Our Fine Arts Challenge helps students develop acting and creative skills through artistic media, theater arts, scriptwriting, and prop design.



**All is not what it seems...tricks and illusions abound in this season's Fine Arts Challenge! Your team will tell a tale of a trickster overcoming a tricky situation.**

- Research trickster characters and how they have been portrayed in literature, theater, film, and/or mythology.
- Create and present a story about a trickster who attempts to overcome a tricky situation.
- Design and create a costume that goes through a costume transformation.
- Design and create an illusion that enhances the story.
- Create and present two Team Choice Elements that show off the team's interests, skills, areas of strength, and talents.



# IMPROVISATIONAL

Our Improvisational Challenge is all about research, spontaneity, and storytelling. Teams receive topics and quickly produce skits.



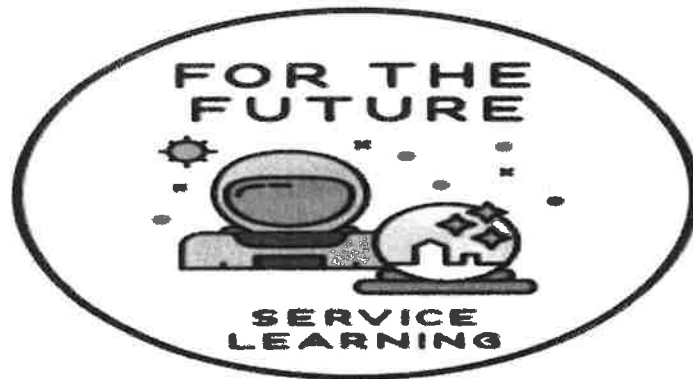
**It's time to celebrate! Your team will explore festivals and tell a story in two acts. What will happen on the road to adventure? Find out in this season's Improvisational Challenge!**

- Research festivals from around the world.
- Create and present a two-act improvisational skit about a goal a character is trying to achieve at a festival.
- Choose between 2 options to help the character to attempt to achieve the goal.
- Enhance the skit with a set of boxes.



## SERVICE LEARNING

Our Service Learning Challenge is designed to engage students in public service that addresses real-life community issues.



**Dive into the world of science fiction as you flash forward to the future to show the impact of the amazing project your team designed to meet a community need. What does the future hold in this season's Service Learning Challenge?**

- Identify, design, carry out, and evaluate a project that addresses a need in a real community.
- Research science fiction as it has been used in literature, film, art, and/or other media.
- Create and present a science fiction story.
- Design and build a message transmitter.
- Create and present two Team Choice Elements that show off the team's interests, skills, areas of strength, and talents.