

2024-2025

LONG-TERM PROBLEM SYNOPSIS



Problem 1
Vehicle

The OM-Mazing Race

Ready, set, go! In this problem teams will design, build, and operate an all-terrain vehicle that transports riders on a race for a prize. The performance will include a race to three original, team-created destinations and each leg of the race will include an obstacle that the rider and vehicle must overcome. The performance will include a host that narrates the action and it will conclude with the realization that the prize for finishing the race was not as exciting as the Odyssey they took along the way.



Problem 2
Technical

Mech-Animal Sidekick

The saying goes "dog is man's best friend" but this year OMers get the chance to invent their own bestie! In this problem, team will design, build, and operate an original robotic animal that has the ability to make people happy. In the performance, the Mech-Animal will perform various tricks that cheer people up. When it suddenly goes missing, the people search for it and find the Mech-Animal in a very unusual place. The performance will also include live music, a toy for the Mech-Animal, and a trainer character that explains the tricks.



Problem 3
Classics

Classics... Cooking with Books

Classic cooking takes on a new meaning as teams create a performance about an original chef character that is inspired by fictional literary characters and events. Teams will choose from selected classic literature and create a gourmet meal based on their chosen book. The performance will include a setting from the book that inspired the meal, a team-created cooking gadget, and a dinner party featuring the meal that includes a character from the book.



Problem 4
Structure

Save Me Structure

OMers to the rescue! In this problem, teams will create a performance about an unusual animal rescue character that needs to find homes for balsa wood and glue animals. Two animals will represent actual living animal species and another will be team-created. The animal rescue character will test if a home is safe by balancing and holding as much weight as possible. The performance will also include one animal getting a check-up, a humorous veterinarian character, and the creative use of Arm & Hammer Baking Soda.



Problem 5
Performance

AstronOMical Odyssey!

OMers always shoot for the stars, and this problem is no different! Many civilizations have used stories, myths, and legends to explain the stars in the sky and their patterns. In this problem, teams will create a humorous performance set in a team-created "historical" civilization that presents constellations and original stories explaining each one. The performance will also include a humorous astronomer character with a "stellar" costume, a lighting effect, and a shooting star!



Primary

It's a Wonderful World!

Travel back in time as OMers explore the Wonders of the World. In this problem, teams will create a performance about the Seven Wonders and create an original wonder that celebrates an achievement in our modern time. A time traveler character will take an architect on a trip to the past to find inspiration for this new creation. The performance will include an ancient setting, original artwork depicting a Wonder, and a creative time machine.