

1995 Long-Term Problems

Scientific Safari 1994-1995

Divisions I, II, III & IV

The team's problem is to design, construct and drive a safari vehicle that will be propelled by two types of power. The dual-powered vehicle will leave a Camp and be driven on a safari where it will encounter team-constructed animals. The team will tag some animals and stop poachers. The team will also make a trailer that will be towed by the vehicle during part of the safari. In addition, the team will develop a theme for its safari. Time limit: 8 min. Cost limit: \$100 USD.

The Mail Must Go Through 1994-1995

Divisions II & III

The team's problem is to design, develop and implement a system(s) that will sort and transport domestic mail, foreign mail, packages and two express packages. These will begin in a Mailbox, be sent through a Distribution Center and then be transported to their proper destinations. Time limit: 9 min. Cost limit: \$100 USD.

Classics . . . Vaudeville 1994-1995

Divisions I, II, III & IV

The team's problem is to develop and perform a vaudeville show that will have three or more original acts, an emcee and a commercial. One of the acts must relate to some aspect of society that the team decides is positive. Performances must also include an elaborate membership sign. Time limit: 8 min. Cost limit: \$80 USD.

A New Twist 1994-1995

Divisions I, II, III & IV

This nonlinguistic problem requires teams to design and build a structure of balsa wood and glue. The structure will undergo a series of twists during the competition and will be tested by balancing and supporting as much weight as possible. Time limit: 8 min. Cost limit: \$65 USD.

Time Traveler 1994-1995

Divisions I & II

The team's problem is to create and perform a skit about traveling in time. The performance must include a time traveler and a team-created time machine that performs tasks. During the performance, there will be at least three scenes and two journeys through time. The team must also present a surprise ending. Time limit: 8 min. Cost limit: \$75 USD.

Math Party 1994-1995

Primary