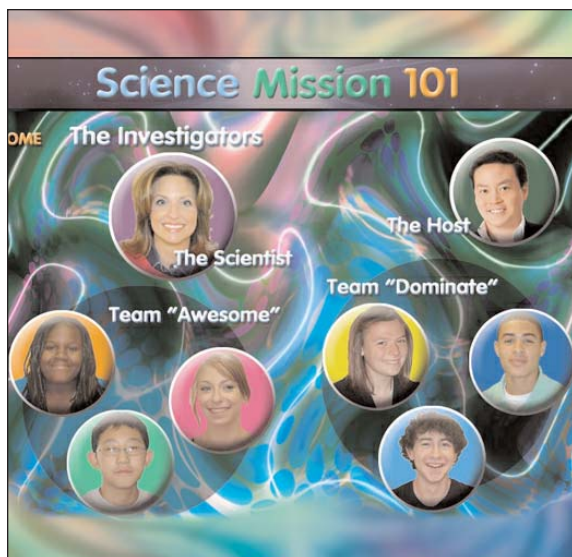


2010

SCIENCE MISSION 101

Science, Technology, Engineering and Math (STEM)



1 30-min. Programs
Grades 6-12 (for teachers)
Teacher's Guide
SOL Correlations Below

SCIENCE MISSION 101 is an educational, competitive reality-style program geared to middle schoolers. Host Mike Lee challenges two teams of high school students—Team Awesome and Team Dominate—to unravel the scientific mystery of why only certain strains of the bacterium *Salmonella* make people sick. The teams perform their scientific investigations aboard the University of Pittsburgh's Mobile Science Lab, a converted 18-wheeler outfitted with the latest high-end equipment. Members of the University's Department of Biological Sciences judge each team's findings and evaluate them based on cooperation, creativity, interpretation of experimental data, presentation and scientific thought.

The goal of **SCIENCE MISSION 101** is to foster understanding of how the world works within and across interrelated domains of science, and to comprehend the relationship between science and the diversity of nature. It will also improve the viewer's scientific, technological, engineering and mathematical literacy. The program will also build analytical, processing and problem solving skills. Science is the effort to discover and increase human understanding of how reality works. **SCIENCE MISSION 101** will illuminate the simplicity of STEM and demystify and deconstruct mental obstacles to understanding that knowledge and understanding of science is power. This program will connect with the viewer, inspire them to participate, think critically and be positive thinkers—all while promoting STEM related education and occupations.

Additional Resource Information:

The website to support this series is found at <http://sciencemission101.org>



These programs are licensed through WVPT and may be obtained on DVD or videotape from your school or division media center.