



Friday, July 20, 2018

- 11:00 - 11:15am Workshop Objectives and Agenda Overview
- 11:15 - 11:45am Introduction and Networking Activity
- 11:45 - 12:00pm Educator Pre-survey
- 12:00 - 1:00pm **Investigation:** Strange New Planet
[Materials List](#)
[Procedure](#)
- 1:00 - 1:30 pm **Investigation:** Pocket Solar System
[Materials List](#)
[Procedure](#)
- 1:30 - 2:15pm Working Lunch: SciGirls Seven Strategies
- 2:15 - 2:45pm Crew Selection and Mission Design (NASA [Table Tents](#))
- 2:45- 3:45pm **Investigation:** Rockets to the Rescue
[Materials List](#)
[Rocket Templates](#)
- 3:45 - 4:00pm *Break*
- 4:00 - 4:45pm **Investigation:** NASA'S [GLOBE Observer](#), Citizen Science
- 4:45 - 5:15pm **Investigation:** Apollo 13
[Materials List](#)
[Mission Brief](#)
- 5:30 - 6:30pm **Investigations:** ISS Engineering
[EE Procedure](#); [RA Procedure](#)
- 6:30 - 7:15pm Working Dinner: [Space Grant Resources](#)
[Info on the Near-Space Balloon Competition \(NSBC\)](#)
- 7:15 - 8:15pm **Investigation:** Mars Rover Lander
[Materials List](#)
[Procedure](#)
- 8:15 - 8:30pm Wrap up: Reflection on Investigations and Teaching Strategies



Saturday, July 21, 2018

- 8:15 - 8:45am *Light Continental Breakfast*
- 8:45 - 8:55am Review of Workshop Objectives and Agenda
- 8:55 - 9:40am **Investigation:** Super Sleuths
[SciGirls Episode](#) and [SciGirls Lesson Plan](#)
[Materials List](#)
[Procedure](#)
- 9:40 - 10:15am **Investigation:** Remote Sensing and Meteorites
[Materials List](#)
[Procedure](#)
- 10:15 - 10:30am *Break*
- 10:30 - 11:15am Lesson Plan Modification: SciGirls Seven Strategies
- 11:15 - 12:15pm Working Lunch: [Sharing of Modified Lesson Plans](#) (Google Docs link for uploading and sharing lesson plans)
- 12:15 - 1:15pm **Investigation:** Martian Water
Adapted from "Is There Water on Zork?"
[Lesson Plan #1](#)
[Lesson Plan #2](#)
[Handout](#)
- 1:15 - 1:30pm *Break*
- 1:30 - 2:30pm **Investigation:** Bristle Bot Rovers
[Bristlebots Other Applications Workbook](#)
[Materials List](#)
[Procedure](#)
- 2:30 - 3:00pm Educator Post-survey
- 3:00 - 3:15pm Wrap up: Reflection on Investigations and Teaching Strategies