NASA in the Classroom – Mars Mission Edition
Educator Professional Development Workshop
Science & Technology Center, Room 117

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 Procedure Rocket Templates
3:45 - 4:00pm	*Break*
4:00 - 4:45pm	**Investigation:** NASA'S GLOBE Observer, Citizen Science Procedures
4:45 - 5:15pm	**Investigation**: Mars-bound Emergency *(modified Apollo 13)* Materials List Mission Brief
5:30 - 6:30pm	**Investigations**: ISS Engineering End Effector Procedure Robot Arms 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

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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 Materials List Procedure SciGirls Episode and SciGirls Lesson Plan
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?" Materials List Procedure (Zork) Lesson Plan #1; Lesson Plan #2, Handout
1:15 - 1:30pm	*Break*
1:30 - 2:30pm	**Investigation**: Bristle Bot Rovers Materials List Procedure Other Applications
2:30 - 3:00pm	Educator Post-survey
3:00 - 3:15pm	Wrap up: Reflection on Investigations and Teaching Strategies