Embedded Teacher Workshop Agenda

Friday, October 8, 2021

Time	Activity	Presenter	Time
8:30 am	Opening Remarks - ET Program Overview (Agenda) & Objectives	Team	20 min
8:50	Teacher Introductions - Share 2-3 min about classroom interest - Share 3-5 things about goals associated with this program	Teachers	40 min
9:30 am	Microgravity Overview	Zielinski	20 min
9:50 am	Reduced Gravity Platforms	Zielinski	30 min
10:20 am	Break		10 min
10:30 am	Microgravity Classroom Demonstrations	Team	30 min
11:00 am	Drop Tower Activity	Teachers	60 min
12:00 pm	Lunch		50 min
12:50 pm	Feedback on Microgravity Drop Tower Activity	All	20 min
1:10 pm	Preliminary Experiment Ideas.	Team	20 min
1:30 pm	History of Parabolic Flight as a Testing and Training Environment	Dr. Crosby	30 min
2:00 pm	Classroom Connections to Experiment Ideas	All	20 min
2:20 pm	Research & Teaching on 'G-Force One' & *Tour Carthage Microgravity Lab*	Dr. Crosby	1 h
3:20 pm	Break		10 min
3:30pm	Experiment Refinement 1	Teachers	30 min
4:00 pm	Connecting Microgravity and Space Sciences in the Classroom Curriculums ^ Experiment Proposal Format	Dellutri Zielinski	30 min
4:30 pm	Community of Space Educators	Dellutri	20 min
4:50 pm	Feedback Survey for the day	Teachers	10 min
5 pm	End		

Embedded Teacher Workshop Agenda

Saturday, October 9, 2021

Time	Activity	Presenter	Time
8:30 am	NASA Artemis Program Overview	Dr. Crosby	30 min
9:00 am	Waves, Oscillations and Capillary Flow in Zero-G	Dr. Crosby Dellutri	50 min
9:50 am	Break		10 min
10:00 am	Experiment Refinement 2	Groups	30 min
10:30 am	Zero-G Flyers Report	Flyers	50 min
11:00 am	Experiment Implementation Plan	Groups	40 min
12:00 am	Lunch		50 min
12:50pm	Payload Related Concerns 1. Two-phase Flow in Microgravity 2. Liquid Surface Shapes in Microgravity 3. Microgravity Fluid Transfer	Dr. Crosby	40 min
1:30 pm	Experiment Design and Zero-G Requirements	Deb Houts	40 m
2:10 pm	Preparing & Finalizing Experiment Proposal	Groups	50 min
3:00 pm	Break		10 min
3:10 pm	Share Final Experiment Proposals	Groups	50 min
4:00 pm	Discuss Final Integration of Microgravity Experiments into Classroom	Team	20 min
4:20	Moving Forward & Closing Remarks - NASA Program Options	Team	30 min
4:50 pm	Feedback Survey for the day	Teachers	10 min
5 pm	End		