







CULTURALLY RESPONSIVE EDUCATION (CRE) Strategies Tip Sheet

Section Title (page #)	CRE Strategy	CRE Tips
Mission Briefing Activating Prior Knowledge	 Making Cultural Connections	<ul style="list-style-type: none"> • Pose questions to activate prior knowledge and/or make connections to real-life applications • Use of multimedia resources such as videos
Preparation Job Classification Task Sheet	 Power and Participation	<ul style="list-style-type: none"> • This activity provides the opportunity for active participation of all students • Sharing responses in small groups and with the entire class • Team roles assigned to encourage all students to participate
Mission Briefing Activating Prior Knowledge Glossary	 Language and Communications	<ul style="list-style-type: none"> • Activate prior knowledge on terms used in the lesson and have students offer a definition or understanding of the terms (dexterity, geologist, mobility, prediction, prototype, regolith, spacesuit, spacewalk)
Preparation Job Classification Task Sheet	 Power and Participation	<ul style="list-style-type: none"> • Students will participate in a think/pair share to answer Challenge Questions • Use team roles: tools engineer, program manager, mission specialist (geologist), human factors engineer
Procedure	 High Expectations	<ul style="list-style-type: none"> • Students will use inquiry and critical thinking to collaborate in groups to make quantitative and qualitative observations
Connection to NASA	 High Expectations	<ul style="list-style-type: none"> • Students will learn about the connection to NASA and determine how it relates to their lives