

WELES LESSON PLANNER

Lesson Activity	Resources Required	Web Resources Found
<i>Motivate kids with story of Mar Lander crashes ... show pictures, describe conversion problem</i>	<i>Background on Mars Lander problems Pictures of Mars Lander</i>	Mars Orbiter website: http://mars.jpl.nasa.gov/msp98/news/mco990930.html
<i>Show several examples of how to convert between US and metric</i>	<i>Examples of conversions needed in Mars Lander mission</i>	Mission details: http://mars.jpl.nasa.gov/msp98/orbiter/moi.html
<i>Brainstorm the types of measure that would need to be taken for a similar space mission, e.g., planet distance,</i>		
<i>Students search for information on planets (from brainstorm)</i>	<i>Information on Planets</i>	Planetary photojournal: http://photojournal.jpl.nasa.gov/ Info on each planets characteristics - http://www.nineplanets.org/ Solar system simulator: http://space.jpl.nasa.gov/ Imagine the Universe: http://imagine.gsfc.nasa.gov/docs/homepage.html
<i>Students work in teams to develop chart of information on planets with both US and metric measures ... Team report information, post of class matrix</i>		
<i>Teams use conversion program to check all answers.</i>	<i>Metric conversion tools</i>	Unit conversion site: http://www.convert-me.com/en/