

Chemistry in Space

Subject: Science	Grade Level: 6-8
------------------	------------------

<p>Learning Outcomes:</p> <p>Knowledge of</p> <ul style="list-style-type: none">• Chemistry applications for NASA missions• NASA STEM opportunities and careers	<p>Learning Material:</p> <p>STEMonstrations: Chemistry in Space</p> <ul style="list-style-type: none">• https://www.youtube.com/watch?v=8EyOQshacOM&embeds_referring_uri=https%3A%2F%2Fwww.nasa.gov%2F&embeds_referring_origin=https%3A%2F%2Fwww.nasa.gov&source_ve_path=MjM4NTE
<p>Experiment and Evaluation:</p> <p>Complete the following experiment and guide students through a discussion about their observations using the “Discussion” and “Assessment” sections.</p> <ul style="list-style-type: none">• https://www.nasa.gov/wp-content/uploads/2024/12/chemistry-in-space-stemonstration-508.pdf?emrc=05a22f <p>OPTIONAL: Lesson can be expanded to two class periods by having students design their own experiments based on their observations.</p>	

