

Operation Comet Pre-Mission Content

Pre-Mission Resource	Link to Activity	Estimated Length of Activity	Summary of Activity
Comet on a Stick	https://spaceplace.nasa.gov/comet-stick/en/	1 hour	This is an activity where students build a craft-style model of a comet. Students learn the parts of the comet which are discussed heavily during the Operation Comet mission.
NASA E-Clips Video	https://nasaclips.arc.nasa.gov/video/realworld/real-world-comets-its-done-with-math	5 min	This is a brief introductory video that explains the history of comets and how scientists study them.
Cosmic Art	https://www.jpl.nasa.gov/edu/teach/activity/art-the-cosmic-connection/	1-2 hours	This is a media art lesson where students use a variety of art tools to better understand the geologic and atmospheric features of our solar system.
Use Dry Ice to Build a Comet	https://www.jpl.nasa.gov/edu/teach/activity/create-a-comet-with-dry-ice/	30 min, but include about 1 hour for prep.	This is a hands-on experiment where students build a comet and make observations on its features. *NOTE: This activity requires a larger number of supplies.
Planetary Poetry	https://www.jpl.nasa.gov/edu/teach/activity/planetary-poetry/	1 hour	This is a language arts lesson where students create their own poetry inspired by the solar system.