






















## Solar Sails: The Future of Space Travel

TeachEngineering

Experience

Design and construct model solar sails made of aluminum foil to move cardboard tube satellites through space on a string.

Suggested Learning					
Time	1 : 30	Cost	0.00		
PreRequisites					
Requirements					
Skills		Focus	Level	Standard	Points
 Applied Science				<a href="#">NGSS</a>	3
 Researching					1
 Observation					1
 Written Communication				<a href="#">CC</a>	1
 Mathematics				<a href="#">CC</a>	1
 Problem Solving					1
 Teamwork					1
<b>Total Skill Points</b>					<b>9</b>
<b>Knowledge Gain</b>					
State the purpose and use of solar sails for satellite propulsion. State that solar sails transfer wave energy from light into mechanical energy for satellite motion.					
<b>Resource Link</b>					
<a href="https://www.teachengineering.org/activities/view/cub_space8_lesson01_activity2">https://www.teachengineering.org/activities/view/cub_space8_lesson01_activity2</a>					