



Solar Eclipse Educational Resource Links

Expectation from: A Framework for K-12 Science Education
ESS1.B: Earth and the Solar System

Kepler's laws describe common features of the motion of orbiting objects, including their elliptical paths around the sun. Orbits may change due to the gravitational effects from, or collisions with other objects in the solar system. (HS-ESS1-4)

<p>ALL</p>	<p>National Science Teaching Association</p> <ul style="list-style-type: none"> • Administrator Guide • Educator Guide • General Information Guide <p>General Information</p> <ul style="list-style-type: none"> • https://eclipsewise.com/ • https://www.greatamericaneclipse.com/ (great animations!) • Moclipse.org • https://www.timeanddate.com/eclipse/in/usa/st-louis?iso=20240408 • https://eclipse.aas.org/resources/books-articles
<p>9-12 websites</p>	<p>Discovery Education: For districts with an EdPlus partnership Solar Eclipse Channel</p> <p>My NASA Data (includes)</p> <ul style="list-style-type: none"> • Mini Lessons • Interactives • Lesson Plan <p>NASA: Jet Propulsion Laboratory: Epic Eclipse: A "Pi in the Sky" Math Challenge</p> <p>National Solar Observatory: 9 Solar Eclipse Lesson Plans and Activity Guides</p>
<p>9-12 activities</p>	<p>STAR*net (Science-Technology Activities and Resources For Libraries) Solar Eclipse Activities for Libraries = Sort by Age and Activity Time</p> <p>Exploratorium: Explore Hands-on, teacher-tested activities for the classroom and beyond.</p>

9-12 books	American Astronomical Society https://eclipse.aas.org/resources/books-articles
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