




Solar Eclipse Educational Resource Links

ESS1.B

Earth and the Solar System

Preschoolers begin to notice the patterns of movement of objects in the sky. Patterns in the natural world can be observed, used to describe phenomena, and used as evidence. Shadow, day, night, stars, moon, sun and Earth.

<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/eclipse-america-2024
<p>Preschool Websites</p>	<p>Discovery Education: For districts with an EdPlus partnership Solar Eclipse Channel</p> <p>NASA Science: Activity: How can the little moon cover the Giant Sun?</p> <p>NISE Network: Demonstration: Exploring the Solar System: Solar Eclipse.</p> <p>Exploratorium: Explore Hands-on, teacher-tested activities for the classroom and beyond.</p> <p>National Solar Observatory: (Yardstick Eclipse is for 4+) 9 Solar Eclipse Lesson Plans and Activity Guides me</p> <p>NASA Space Place: Eclipse! (https://spaceplace.nasa.gov/eclipse-snap/) This website from NASA has a variety of resources for kids about solar eclipses, including games, activities, and videos.</p>

	<p>National Geographic Kids: Eclipse Fun! https://education.nationalgeographic.org/resource/eclipse) This website from National Geographic Kids has information about solar eclipses, as well as games, quizzes, and crafts.</p> <p>Time for Kids: All About Solar Eclipses https://kids.britannica.com/kids/article/eclipse/353079) This website from Time for Kids has a simple explanation of solar eclipses, as well as fun facts and photos.</p>
<p>Preschool Videos</p>	<p>"Sesame Street Explains: Solar Eclipse" (on YouTube): This video uses the familiar characters of Sesame Street to explain what a solar eclipse is and how it happens, in a way that young children can easily understand. (15:38)</p> <p>"Solar Eclipse for Kids" (Peekaboo Kidz): This animated video explains the science behind solar eclipses in a fun and engaging way, with colorful visuals and catchy music. (3:57)</p>
<p>Preschool Activities</p>	<p>Eclipse shadow puppets: Cut out different shapes of hands and animals from construction paper. During a partial eclipse, hold the shapes up to the sun to see the crescent shadows they create. www.adventuresci.org</p>  <p>STAR*net (Science-Technology Activities and Resources For Libraries) Solar Eclipse Activities for Libraries = Sort by Age and Activity</p>
<p>Preschool Books</p>	<p>Books about shadows are a great option.</p> <p>"What the Sun Sees, What the Moon Sees" by Nancy Tafuri: a beautiful and unique picture book in turn-around format about the concept of day and night. www.amazon.com</p>



Book Stella Luna by Janell Cannon: This delightful story follows a little bat named Stella Luna who accidentally causes a solar eclipse by flying in front of the sun.



"Curious George Discovers the Stars" by H.A. Rey: This classic book features Curious George learning about the solar system and even witnessing a solar eclipse. www.amazon.com



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