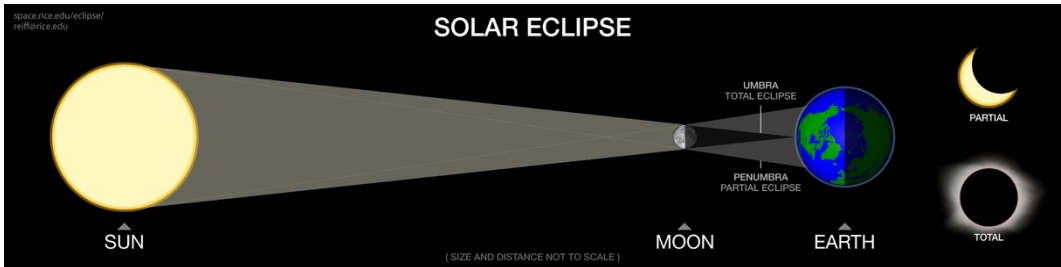



NAME	Solar Eclipse Diagram	
EXAMPLE	 <p>The diagram, titled "SOLAR ECLIPSE", illustrates the geometry of a solar eclipse. On the left is the Sun, a large yellow circle. A cone of shadow extends from the Sun towards the Moon, which is a smaller grey circle in the center. The shadow cone is divided into two parts: a smaller inner cone labeled "UMBRA TOTAL ECLIPSE" and a larger outer cone labeled "PENUMBRA PARTIAL ECLIPSE". The Earth, a blue and green globe, is on the right. The Moon's shadow falls on the Earth. To the right of the Earth, two crescent moons are shown: a yellow one labeled "PARTIAL" and a black one with a white ring labeled "TOTAL". Below the Earth, the text "(SIZE AND DISTANCE NOT TO SCALE)" is written. In the top left corner of the diagram area, the URL "space.rice.edu/eclipse/reiff@rice.edu" is visible.</p>	
DESCRIPTION	Diagram of solar eclipse geometry (not to scale)	
URL	https://space.rice.edu/eclipse/eclipse_graphics.html	
DOWNLOAD	https://space.rice.edu/eclipse/img/eclipse_diagram_solar.jpg	
TYPE	diagram	
FORMAT	image	
LEVEL	multiple 3-12	
TOPIC	solar eclipse	
NOTES	<p>Diagram by Colin Law with NASA support under Reiff direction. Free under Creative commons / attribution / no commercial use license 508 compliant</p>	
ADDITIONAL RESOURCES		
KEYWORDS	eclipse, solar, Earth, Moon, Sun, orbit, umbra, penumbra	