
	<p>TITLE</p> <p>ORION CONSTELLATION</p>
<p>SUBJECTS</p> <p>CLASS</p>	<p>Science, technology, Engineering, Art, Maths</p> <p>First class of the secondary school</p> 
<p>DURATION</p>	<p>4 hours</p>
<p>MATERIALS</p>	<p>A4 Black card; A5 yellow card, colored pencils, glue, scissors, pencil, eraser, ruler.</p>
<p>OBJECTIVES</p>	<p>Students make popup cards representing Orion's constellation.</p> <p>Art: how to make a popup.</p> <p>Science: stars size and brightness, celestial bodies movements.</p> <p>Technology: how to measure the distance between celestial bodies, the light year.</p> <p>Engineering: manage and build different tools.</p> <p>Mathematics: geometric forms, distance and time measurements systems.</p>
<p>TOPICS</p> 	<p>- Students read the legend of the hunter Orion, that in Greek mythology, was the most handsome of men. He was the son of the sea god Poseidon and Euryale, the daughter of King Minos of Crete. In one myth, Orion fell in love with the Pleiades, the seven sisters, daughters of Atlas and Pleione. He started pursuing them and Zeus scooped them up and placed them in the sky, giving rise to one of the brightest and well known constellations in the night sky.</p> <p>- Students make the popup card following the instructions:</p> <ol style="list-style-type: none"> Fold one of the papers in half. Using the yellow card draw and cut the seven main stars of the constellation. Place the stars following Orion's shape on the black card (place the three stars of the belt in the center of the card). Decorate the card as you like.
<p>ASSESSMENT</p>	<p>Students learn Orion's legend, how to recognize and identify the constellations in the sky. They study the characteristic of the main stars of the constellation.</p>

