



STARLAB LESSONS

Lessons taught in the StarLab portable planetarium have been developed to align with the current Maryland voluntary State Curriculum and address the unifying themes of Skills and Processes and Earth/Space Science. The lessons are continually updated and revised by the Office of Science, PreK – 12 to reflect changes in the VSC indicators. The table below describes for every grade level the lesson that is currently taught by the StarLab Resource Teacher when the StarLab visits each elementary school in the BCPS system.

StarLab Lessons Currently Being Taught

Grade	Lesson title	Topics	Safari Montage Video Links
PreK/ K	Searching the Daytime and Nighttime Sky	Daytime / Nighttime celestial objects, constellations	<u>Magic School Bus Gets Lost in Space</u>
1	Our Star, the Sun	The Sun's properties compared to other stars, constellations	<u>Magic School Bus Sees the Stars</u>
2	Mission to the Moon	Phases of the moon, Apollo missions to the moon, stars, constellations	<u>Bill Nye: The Moon</u> <u>All About the Moon</u>
3	S.T.E.M. Unit "Star Search" Exploring the Properties of Stars	Comparing the color / temperature of stars, comparing the magnitude (brightness) of stars, constellations	<u>Stars and Constellations</u> <u>Bill Nye: Outer Space</u> <u>Bill Nye: The Sun</u>

4	<p>Solar System Creature Feature Detectives or Follow the Drinking Gourd</p>	<p>Solar system comparison of the planets, stars, constellations or Slaves during the Civil War used the stars as navigational tools to help them escape to freedom</p>	<p><u>Bill Nye: The Planets</u></p> <p><u>Eyewitness: Planets</u></p> <p><u>Harriet Tubman</u></p>
5	<p>Our Galactic Place in Space</p>	<p>Milky way galaxy, other galaxies, nebulas, classification of galaxies, constellations</p>	<p><u>Bill Nye: Outer Space Stars and Constellations</u></p> <p><u>Constellation Myths</u></p>