

North Atlanta Planetarium
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Monthly Highlights: **Venus** and **Jupiter** are close in the west. The best yearly meteor shower occurs on August 12. **Mars** becomes visible in the late evening eastern sky. The **Milky Way** runs high overhead from the North to South. **Planetarium scheduling should be done this month.**

Planetarium website : <http://www.apskids.org/teach/planet/star>.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p><i>I hope you have had a restful Summer. Please schedule now for your planetarium visits. You can do that on line at this website.</i></p>	<p>A planetarium visit can supplement your concept based lessons in many areas such as: the moon; solar system; the sun; space station (ISS); star stories; time; astrobiology; deep space objects; life styles of stars navigation; map and globe studies; early explorers; space exploration; constellation studies and others.</p>	<p>2 <i>When you schedule the planetarium by phone, website or fax, please make sure you have received a confirmation from the planetarium before you visit.</i></p>	<p>3 Planetarium Visit Checklist</p> <ul style="list-style-type: none"> • Send in reservation • Receive confirmation • SRT approval • Secure a bus 	<p>Because of the unique way in which the planetarium serves individual class needs in high school, please call the planetarium to discuss your lesson with the planetarium coordinator.</p>	<p>5 New Moon The next two weeks are always good for evening lunar viewing. The <u>Moon Phase Module</u> is for fourth grade students.</p>	<p>6 <i>Sunrise: 6:53 Sunset: 8:34</i></p>
<p>7 The crescent moon at dusk is very close to Venus. Where will it be tomorrow evening at the same viewing time?</p>	<p>8 <u>Have Telescopes Will Travel</u> The planetarium does have a telescope loan program for classroom instruction. Call the planetarium for more details.</p>	<p>9 <u>First Grade Teachers</u> Extend the listening skills of your students with the Planetarium show, <i>Night Sounds</i>.</p>	<p>10 That bright object close to the moon tonight is Jupiter. <u>An Atlas 5 rocket to carry NASA's Mars Reconnaissance Orbiter into space from Cape Canaveral Air Force Station</u></p>	<p>11 <i>Start looking for the Perseid meteor shower. The waxing moon will have set before the better viewing time of midnight to dawn. So get out the sleeping bags and lawn chairs for more comfortable viewing of these 132,000 mph streakers.</i></p>	<p>12 Perseids Peak <i>Best viewing is from 2:00 a.m. to dusk. Look high in the north-east for the Perseus constellation. City lights will hamper seeing the 100/hour streaks. Go camping in the country.</i></p>	<p>13 <u>First Quarter Moon</u> <i>Follow-up viewing of the Perseid Meteor Showers. You can still see them this morning. Give it a try.</i></p>
<p>14 NASA plans to replace the three existing Space Shuttles with the Crew Exploration Vehicle (CEV) by 2010. The Shuttles have been flying since 1981.</p>	<p>15 An odd red blemish on Saturn's moon, Titan has astronomers scratching their heads.</p>	<p>16 <u>Winter Solstice on Mars.</u> <i>Yes, Mars has seasons because it too is tilted in its solar orbit.</i></p>	<p>H.S. Social Studies Bring your students to the planetarium and participate in the show, "Navigating with Lewis and Clark".</p>	<p>18 Is 2003 UB313 the 10th planet of our solar system? These Kuiper Belt objects are being discovered with regularity. (http://www.space.com/)</p>	<p>19 <u>Full (Green Corn) Moon</u> <i>(High tides again)</i></p>	<p>20 <i>Sunrise: 7:03 Sunset: 8:19</i></p>
<p>The North Atlanta Planetarium's mission is to help visitors see the sky as a source of inspiration for life by enriching the understanding of astronomy and space science.</p>	<p>22</p>	<p>23 <i>Space tourism group plans first sub-orbital launch of Altairis in December, 2006. Price/person: \$250,000</i></p>	<p><i>A Russian Soyuz rocket to loft the Progress 19 cargo ship to the International Space Station from Baikonur Cosmodrome</i></p>	<p>25 <i>Just before daybreak, look for Mars close to the moon in the south.</i></p>	<p>26 Last Quarter Moon <i>Can be seen most of the a.m. hours.</i></p>	<p>27 <i>Sunrise: 7:08 Sunset: 8:10</i></p>
<p>28</p>	<p>29 <i>Have you scheduled your class for a field-trip to the planetarium yet?</i></p>	<p>30</p>	<p>31 <i>Saturn can be seen just below the moon. Look eastward just before sunrise.</i></p>	<p>A host of hidden black holes have been revealed in a narrow region of the sky. -Aug.4 issue of the Journal, <i>Nature</i></p>		