


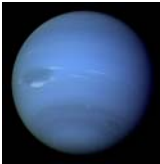





















# November 2009 USM Southworth Planetarium 207-780-4249

www.usm.maine.edu/planet

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
<p>1</p> <p>3:00 Extreme Planets</p>  <p>Venus 4° N of Spica</p>	<p>2</p>  <p>Full Moon</p>	<p>3</p>  <p>Spica</p> <p>Virgo the Maiden Pre-dawn eastern sky</p>	<p>4</p>  <p>Neptune stationary</p>	<p>5</p>  <p>Mercury at superior conjunction</p>	<p>6</p> <p>7:00 Eight Planets 8:30 Black Holes</p>  <p>Andromeda Galaxy: Eastern evening sky</p>	<p>7</p> <p>3:00 Rusty Rocket</p>  <p>Join Rusty Rocket and his rocket rookies as they explore the planets Moon at perigee</p>
<p>8</p> <p>3:00 Eight Planets</p>  <p>See "Sedna" and other distant worlds in "Eight Planets and Counting."</p>	<p>9</p>  <p>Mars 3° N of the Moon</p> <p>Last Quarter</p>	<p>10</p>  <p>MERCURY WATCH: Early evening eastern sky by late month.</p>	<p>11</p> <p>Greater Portland Astronomical Society Meeting 7:00 p.m. at the planetarium. Open to the public.</p>	<p>12</p>  <p>Saturn 8° N of the Moon</p>	<p>13</p> <p>7:00 Extreme Planets 8:30 Fires in the Sky</p>	<p>14</p> <p>SCI-FI SATURDAY MOVIE: 12:00 p.m. <i>The Time Machine</i> (Details on back) 3:00 Dinosaurs</p>
<p>15</p> <p>3:00 Dinosaurs</p>  <p>Taurus the Bull: Up all night. Starts in the eastern early evening sky.</p>	<p>16</p> <p>Transit: when a planet or other small object moves across the Sun's face</p> <p>New Moon</p>	<p>17</p>  <p>VENUS WATCH: Early morning eastern sky all month.</p>	<p>18</p>  <p>Skull Nebula (Cetus)</p>	<p>19</p> <p>The Skull Nebula is a planetary nebula located 1,600 light years from Earth. This type of nebula is produced when a Sun-sized star dies.</p>	<p>20</p> <p>7:00 Black Holes 8:30 Extreme Planets</p>  <p>MARS WATCH: Rises in the late evening eastern sky</p>	<p>21</p> <p>3:00 Black Holes</p>  <p>Discover "Black Holes!"</p>
<p>22</p> <p>3:00 Rusty Rocket</p> <p>Moon at apogee</p>	<p>23</p>  <p>Jupiter 4° S of the Moon</p>	<p>24</p> <p>"Astronomy compels the soul to look upward and leads us from this world to another." -Plato</p> <p>First Quarter</p>	<p>25</p>  <p>JUPITER WATCH: Early evening western sky.</p>	<p>26</p> <p>THANKSGIVING!</p>  <p>Planetarium Closed</p>	<p>27</p> <p>Planetarium Closed</p>	<p>28</p> <p>3:00 Season of Light</p>  <p>Today is the first showing of our annual holiday program.</p>
<p>29</p> <p>FREE SUNDAY!</p> <p>1:00 Dinosaurs 3:00 Season of Light</p>	<p>30</p>  <p>SATURN WATCH: Pre-dawn eastern sky.</p>		<p>Our solar system is located on the Orion spiral Arm in the Milky Way Galaxy</p>	<p>November Word Play:</p>  <p>Answer on back</p>	<p><i>The First Sci-Fi Saturday is on November 14, 2009</i></p> <p>See "The Time Machine" at 12:00 noon</p>	<p>Calendar Color Code</p> <p>Red - Planetarium show Blue - Astronomical fact Purple - Night sky event Orange - Astronomical definition</p>