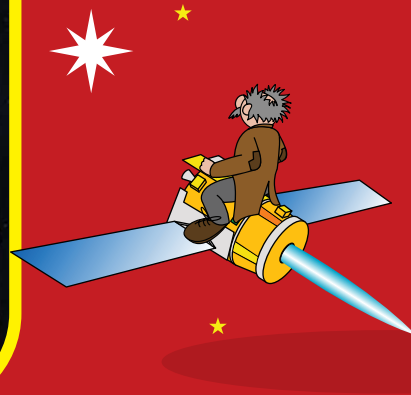


# JULY 2009



The Dawn spacecraft uses ion propulsion. It is going to the asteroid belt. It will orbit asteroid Vesta, then leave and go on to orbit dwarf planet Ceres. Find out about this first of its kind mission at [spaceplace.nasa.gov/en/kids/nmp/starr](http://spaceplace.nasa.gov/en/kids/nmp/starr).

**SPACEPLACE.NASA.GOV**

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			<b>1</b> First zoo in the U.S. opened in 1874 in Philadelphia, PA. How many zoos can you find on the map of Space Place partners?	<b>2</b>	<b>3</b> Earth at aphelion, the time of year when we are farthest from the Sun. How do we use the Sun as our master timekeeper?	<b>4</b> Mars Pathfinder rover landed on Mars in 1997. What kind of weather did it encounter? <b>Independence Day</b>
<b>5</b> Anti-boredom Month. Fight boredom by exploring The Space Place.	<b>6</b>	<b>7</b> FULL MOON	<b>8</b>	<b>9</b> Voyager 2 spacecraft flew by Jupiter in 1979 and found stranger worlds than we could have ever imagined.	<b>10</b>	<b>11</b> United Nations World Population Day. Too many people make too many Gummy Greenhouse Gases.
<b>12</b>	<b>13</b> Galileo spacecraft dropped a probe into Jupiter's atmosphere, 1995. Are there other ways to find out about Jupiter's clouds?	<b>14</b>	<b>15</b> LAST QUARTER	<b>16</b>	<b>17</b>	<b>18</b>
<b>19</b>	<b>20</b> Apollo 11 astronaut Neil Armstrong became the first human to walk on the Moon, 1969. See pictures at The Space Place gallery.	<b>21</b> NEW MOON	<b>22</b>	<b>23</b>	<b>24</b> Amelia Earhart born, 1897. As a famous aviator, she knew all about different kinds of clouds. Make a Cloud Mobile.	<b>25</b>
<b>26</b> All or Nothing Day. This is how computers work. They understand only ON or OFF. So how do we get them to do so much?	<b>27</b>	<b>28</b> FIRST QUARTER	<b>29</b> NASA was established in 1958. Get acquainted with some NASA scientists and engineers at Space Place Live!	<b>30</b>	<b>31</b> Apollo 15's rover was the first vehicle driven on the Moon, 1971. See a picture of the lunar rover at The Space Place gallery.	

Month of July: [spaceplace.nasa.gov](http://spaceplace.nasa.gov)  
 July 1: [spaceplace.nasa.gov/en/kids/museums](http://spaceplace.nasa.gov/en/kids/museums)  
 July 3: [spaceplace.nasa.gov/en/educators/NMP\\_timekeeping.pdf](http://spaceplace.nasa.gov/en/educators/NMP_timekeeping.pdf)  
 July 4: [spaceplace.nasa.gov/en/kids/goes/planets](http://spaceplace.nasa.gov/en/kids/goes/planets)  
 July 9: [spaceplace.nasa.gov/en/kids/vgr\\_fact3.shtml](http://spaceplace.nasa.gov/en/kids/vgr_fact3.shtml)  
 July 11: [spaceplace.nasa.gov/en/kids/tes/gumdrops](http://spaceplace.nasa.gov/en/kids/tes/gumdrops)

July 13: [spaceplace.nasa.gov/en/kids/phonedrmarc/2002\\_may.shtml](http://spaceplace.nasa.gov/en/kids/phonedrmarc/2002_may.shtml)  
 July 20: [spaceplace.nasa.gov/en/educators/teachers\\_moon\\_images.shtml](http://spaceplace.nasa.gov/en/educators/teachers_moon_images.shtml)  
 July 24: [spaceplace.nasa.gov/en/kids/clouds](http://spaceplace.nasa.gov/en/kids/clouds)  
 July 26: [spaceplace.nasa.gov/en/kids/vgr\\_fact2.shtml](http://spaceplace.nasa.gov/en/kids/vgr_fact2.shtml)  
 July 29: [spaceplace.nasa.gov/en/kids/live](http://spaceplace.nasa.gov/en/kids/live)  
 July 31: [spaceplace.nasa.gov/en/educators/teachers\\_moon\\_images.shtml](http://spaceplace.nasa.gov/en/educators/teachers_moon_images.shtml)