



This image of spiral galaxy NGC 3627 combines three kinds of light: infrared light (red), X-rays (blue), and visible light (yellow). Play "Spitzer Concentration" and test your "infrared memory" on pictures of other galaxies. Go to [spaceplace.nasa.gov/spitzer-concentration](http://spaceplace.nasa.gov/spitzer-concentration).

Credit: NASA/CXC/Ohio State Univ./C.Grier et al.; Optical: NASA/STScI, ESO/WFI; Infrared: NASA/JPL-Caltech

# SEPTEMBER 2013

[spaceplace.nasa.gov](http://spaceplace.nasa.gov)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>1</b> <b>National School Success Month.</b> The Space Place has free resources to help students be successful. <i>.../menu/parents-and-educators</i>	<b>2</b> <b>Labor Day.</b> Get busy! It isn't "Goof-off Day"! There's lots to do on The Space Place. <i>.../menu/do</i>	<b>3</b>	<b>4</b> <i>On this calendar .../ means spaceplace.nasa.gov/</i>	<b>5</b>  <b>National Cheese Pizza Day.</b> Make a Galactic Mobile with the cardboard from your pizza. <i>.../galactic-mobile</i>	<b>6</b>	<b>7</b>
<b>8</b> <b>National Grandparents Day.</b> Make a Sound Cone with your grandparent and you will both hear amazing things! <i>.../sound-cone</i>	<b>9</b>	<b>10</b> <b>Swap Ideas Day.</b> Read some of Dr. Marc's amazing facts and swap some ideas with a friend. <i>.../menu/dr-marc</i>	<b>11</b>	<b>12</b>  <b>12</b>	<b>13</b> <b>Positive Thinking Day.</b> Make your positive ions outnumber your negative ions when you do the "Ions in Action" experiment. <i>.../ion-balloons</i>	<b>14</b> <b>Luna 2</b> crashed on the Moon, 1959. Do you know what part the Moon plays in a solar eclipse? <i>.../venus-transit</i>
<b>15</b>	<b>16</b> <b>Collect Rocks Day.</b> Asteroids are big rocks in space. But how are they different from comets? <i>.../posters/#solarsystem</i>	<b>17</b>	<b>18</b> <b>Voyager 1</b> took first photo of Earth and Moon together in 1977. Check out other photos of the solar system at the Space Place. <i>.../gallery-solar-system</i>	<b>19</b>  <b>19</b>	<b>20</b>	<b>21</b>
<b>22</b> <b>Autumnal Equinox</b> (first day of fall). Learn what causes the seasons. <i>.../seasons</i>	<b>23</b>	<b>24</b> <b>Punctuation Day.</b> Punctuate your conversations with fun facts about the signs of the zodiac. <i>.../starfinder2</i>	<b>25</b>	<b>26</b>  <b>Family Health and Fitness Day.</b> A good day to go to the park and launch pop rockets. <i>.../pop-rocket</i>	<b>27</b> <b>Crush a Can Day.</b> Crush a can without touching it in this experiment to test new spacecraft materials. <i>.../soda-can-test</i>	<b>28</b>
<b>29</b>	<b>30</b>					