









Every Day Science

July 2007

Facts and challenges for the science explorer

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1</p> <p>The first completely automatic bread baking plant in the United States opened in Chicago in 1910.</p>	<p>2</p> 	<p>3</p> <p>Birthday of chemist Samuel P. Massie (1919–2005).</p>	<p>4</p> <p>Massie graduated from high school when he was 13!</p>	<p>5</p> <p>Massie worked on the Manhattan Project, the development of the atomic bomb.</p>	<p>6</p> <p>Massie's research specialties included malaria and environmental agents.</p>	<p>7</p>  <p>Samuel P. Massie</p>
<p>8</p> 	<p>9</p> 	<p>10</p> <p>Birthday of inventor Edward H. Lowe (1920–1995), inventor of cat litter.</p>	<p>11</p> <p>Lowe sold industrial absorbents when he came up with the idea.</p>	<p>12</p> <p>He also held over 60 patents.</p>	<p>13</p>  <p>Florence Bascom</p>	<p>14</p> <p>Birthday of geologist Florence Bascom (1862–1945), the first woman to be made a fellow of the Geological Society of America.</p>
<p>15</p> 	<p>16</p> <p>Why are dams important?</p>	<p>17</p> 	<p>18</p> <p>When electricity is created by water, it is called <i>hydroelectric</i> power.</p>	<p>19</p> <p>Egypt's Aswan Dam is on the world's longest river, the <u> </u> <u> </u> <u> </u>.</p>	<p>20</p> <p>It created the world's third-largest reservoir, Lake Nasser.</p>	<p>21</p> <p>The Aswan Dam took 18 years to build. It was completed on this day in 1970.</p>
<p>22</p> <p>A U.S. patent for a "Self-Propelled Sprinkling Irrigating Apparatus" was issued in 1952.</p>	<p>23</p> 	<p>24</p> <p>Why are sprinklers necessary?</p>	<p>25</p> <p>How would crops get water otherwise?</p>	<p>26</p> 	<p>27</p> <p>How can you conserve water in your own garden?</p>	<p>28</p> 
<p>29</p> <p>Birthday of climate researcher Eduard Brückner (1862–1927).</p>	<p>30</p> <p>In addition to climate change, Brückner studied how glaciers affected Earth's surface.</p>	<p>31</p> <p>He considered the economic and political effects of climate change.</p>				

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