

Every Day Science

October 2010

Facts and challenges for the science explorer

SUNDAY

MONDAY


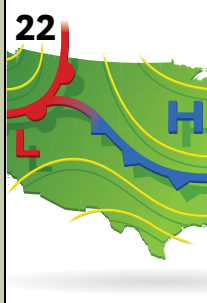

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

						<p>1</p> <p>Take a walk outside and record what you observe in your science journal.</p>	<p>2</p> <p>Download <i>Take a Cloud Walk</i> by Jane Kirkland for free at www.takeawalk.com/classroom-downloads.</p>
						<p>3</p> <p>Birthday (1916) of cardiologist James Pantridge, who found that immediate CPR treatment with a portable defibrillator would save heart attack victims.</p>	<p>4</p> <p>A <i>defibrillator</i> is a tool that shocks a stopped heart to get it beating.</p>
<p>10</p> <p>The range of what we can see expanded with the use of el_c_r_c_ty.</p>	<p>11</p> <p>How does a GPS work? Read about it at www.nasm.si.edu/exhibitions/gps.</p>	<p>12</p> <p>Birthday (1860) of Elmer Sperry, inventor of the modern <i>gyrocompass</i>, an electronic compass that more accurately finds directions.</p>	<p>13</p>  <p>Elmer Sperry</p>	<p>14</p> <p>Read about award-winning engineers at www.sperryaward.org/recipients.htm.</p>	<p>15</p> <p>Hermann Anschütz-Kaempfe also invented the gyrocompass and fought with Elmer Sperry over who should own the rights to patent it.</p>	<p>16</p> <p>They further developed the earlier inventions of Johann von Bohnenberger and Léon Foucault.</p>	
<p>17</p> 	<p>18</p>	<p>19</p> <p>Birthday (1862) of August Lumière, who developed early cinema with his brother Louis and showed the first public moving picture.</p>	<p>20</p> <p>The Lumière brothers modeled the design for moving film on the way a sewing machine foot-presser functions to move cloth.</p>	<p>21</p> <p>Meteorologists and other scientists forecast a future event based on a pattern in weather measurements.</p>	<p>22</p> 	<p>23</p> <p>Birthday (1932) of meteorologist June Bacon-Bercey, who established a scholarship fund for women who want to become meteorologists.</p>	
<p>24/31</p> <p>Washing your hands is the number one way to prevent illness.</p>	<p>25</p> <p>People have hypothesized many reasons for illnesses.</p>	<p>26</p> <p>Birthday (1654) of Giovanni Lancisi, a Roman physician who observed that malaria was present in areas near swamps.</p>	<p>27</p> <p>In the 1600s, Rome was surrounded by marsh and swamps.</p>	<p>28</p> <p>Lancisi observed a pattern of people becoming sick with malaria when mosquitoes were present.</p>	<p>29</p> 	<p>30</p>	