

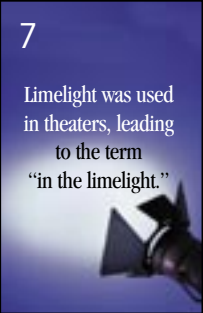
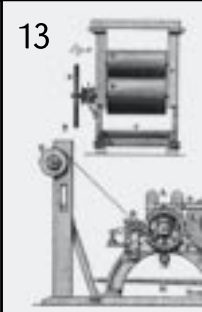







# Every Day Science

# March 2007

Facts and challenges for the science explorer

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>For more resources, click on the calendar at <a href="http://www.nsta.org/elementaryschool#journal">www.nsta.org/elementaryschool#journal</a>.</p>				1	2	3
				<p><i>Radioactivity</i> is a type of energy created when the nucleus of an atom naturally decays.</p>	<p>Henri Becquerel announced his discovery of radioactivity in 1896.</p>	<p>Marie and Pierre Curie built on his research years later.</p>
4	5	6	7	8	9	10
	<p>"Limelight" lamps were first tested in 1830.</p>	<p>Limelight was created by heating the mineral lime until it glowed.</p>	<p>Limelight was used in theaters, leading to the term "in the limelight."</p> 	<p>Lightbulbs are now made with a metal inside instead of lime.</p>	<p><i>Fluorescent</i> lightbulbs work by heating a gas.</p>	<p>How do you think lightbulbs should be improved?</p>
11	12	13	14	15	16	17
<p>Anti-technology riots occurred in England in 1811, led by the Luddites.</p>	<p>The Luddites thought new machinery in factories would replace workers.</p>		<p>Why might workers fear machines?</p>	<p>How have machines helped workers?</p>	<p>The first liquid-fuel rocket flight took place in 1926.</p>	
18	19	20	21	22	23	24
 <p>Rockets (and the Space Shuttle) use liquid fuel.</p>	<p>Rockets convert chemical energy (liquid fuel) into mechanical energy.</p>	<p>In 1886, street lights in Great Barrington, Massachusetts, were the first to be powered by alternating current (AC).</p>	<p>Alternating current (AC) improved on direct current electricity because it could be transmitted over longer distances.</p>		<p>Birthday of mathematician Emmy Noether (1882–1935).</p>	<p>Her work supported several parts of Einstein's theories.</p>
25	26	27	28	29	30	31
<p>Have you ever had an x-ray?</p>		<p>Birthday of physicist Wilhelm Conrad Röntgen (1845–1923), discoverer of x-rays.</p>		<p>Birthday of engineer Elihu Thomson (1853–1937).</p>	<p>Thompson was an innovator in electric lighting and power, holding over 700 patents.</p>	<p>Wabash, Indiana, became the first town to switch from gas to electric lighting in 1880.</p>