
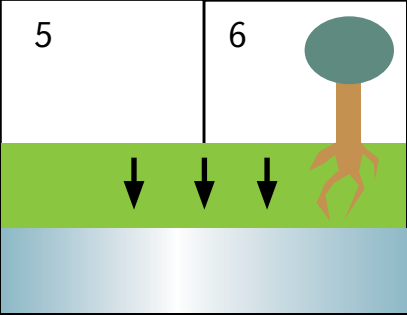








Every Day Science

August 2007

Facts and challenges for the science explorer

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Birthday of astronomer Helen Hogg (1901–1993).	2 Hogg became interested in astronomy after seeing a total eclipse of the Sun.	3 The U.S.S. Nautilus was the first submarine to travel under the geographic North Pole in 1958.	4 
5 	6 	7 Birthday of engineer Philipp Forchheimer (1852–1933).	8 Forchheimer studied <i>hydraulics</i> , the study of liquids and motion.	9 One of his specialties was the flow of groundwater.	10 	11 A patent for the sprinkler head was awarded in 1874.
12 Go to www.nationalatlas.gov (Grades 4 and above).	13 Read “How America Uses Water” (bottom right).	14 Click on “Map Maker” to create a map of your town.	15 Highlight the bodies of water.	16 	17 Can you identify potential sources of water pollution?	18 (Hint: click on agriculture and environment.)
19 Birthday of inventor Philo T. Farnsworth (1906–1971), who helped develop television.	20 He received his first TV patent on this date in 1930.	21 	22	23 Farnsworth designed his first television as a teenager but fought for credit for his inventions with RCA.	24 He won his legal fight, but World War II interrupted and his patents expired.	25 Farnsworth was a critic of TV programming, saying, “There’s nothing on it worthwhile.”
26 	27 The world’s biggest battery was set up in Alaska in 2003.	28 Why do you think Alaska might need backup electricity for emergencies?	29 	30 The first motorcycle was patented in Germany in 1885.	31 The first U.S. airplane flight over water occurred in 1910.	For more resources, visit www.nsta.org/sc0707 .