Every Day Science

May 2011

Facts and challenges for the science explorer

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 Table salt fortified with iodine was sold for the first time on this date in 1924 by Diamond.	**2** 	**3** Thyroid glands in animals need iodine to produce hormones that regulate their metabolism.	**4** Find out where your thyroid gland is located.	**5** Read and post the illustrations in *Human Body Poster Book: Ultimate Guide to How the Body Works* by John Farndon (grades 3+).	**6** 	**7** Read *Vitamins and Minerals for a Healthy Body* by Angela Royston (grades 4–6).
8 Use *Uncovering Student Ideas in Physical Science* (Keeley and Harrington 2010) to reveal students' preconceptions of fundamental concepts.	**9** Search by "book chapters" and read "Just Rolling Along" for free at *www.nsta.org/store.*	**10** Birthday of Nobel winner, physicist Richard Feynman, who was awarded the *Oersted Medal.*	**11** 	**12** Learn about another great physicist in *Isaac Newton and Physics for Kids* by Kerrie Logan Hollihan (grades 4–7).	**13** From your own experience, write a definition of *gravity.*	**14** Find out and report on how other people in your school describe gravity.
15 	**16** Read "Action Research" (Milton-Brkich, Shumbera, and Beran 2010) in *Science and Children* at *www.nsta.org/elementaryschool.*	**17** See other teachers' research results at *http://journals.library.wisc.edu/index.php/networks.*	**18** Do you have a question about teaching practices?	**19** Learn how to become a teacher researcher at *http://gse.gmu.edu/research/tr.*	**20** Join and query one of the NSTA e-mail lists to get answers from other teachers to a teaching question.	**21** 
22 Report your research results at a meeting with your colleagues.	**23** Read the journal entries from *Taking Inquiry Outdoors: Reading, Writing, and Science Beyond the Classroom Walls* by Barbara Bourne.	**24** Plan an investigation into bubble blowing—outside!	**25** 	**26** Read *Pop! A Book About Bubbles* by Kimberly Bradley (grades K–2).	**27** Does humidity have anything to do with what makes a bubble last for a long time?	**28** Read "What is relative humidity relative to anyway?" (Carroll, Martin, and Carroll 2006) in *Science Scope* at *www.nsta.org/middleschool* to learn about humidity.
29 Visit *www.scilinks.org/MyScilinks/Home.aspx* for a lesson plan to teach on the irregular days during standardized testing.	**30** See a list of virtual science inquiry games for grades K–12 at *www.learningscience.org/scq1aabilitiessciinquiry.htm.*	**31** Pick a "science snack" (activity) to do from the Exploratorium's list at *www.exploratorium.edu/snacks/snacksbysubject.html.*