**Unit 1 Websites**

| **Where used** | **Web site address** | **Last checked** |
| --- | --- | --- |
| Investigation 1 Overview | NASA’s Solar System Exploration website <http://solarsystem.nasa.gov/planets/profile.cfm?Object=SolarSys> | 6/30/2012 |
| Investigation 1 Overview | A video about Saturn’s moon Titan<http://saturn.jpl.nasa.gov/multimedia/flash/Titan/index.html> | 6/30/2012 |
| Activity 1.1.1 | Artist’s Rendition of Hyugens Probe on the Surface of Titan[www.nasaimages.org](http://www.nasaimages.org) | 6/30/2012 |
| Activity 1.1.1a | Image of eChem applet<http://www.sciencegeek.net/eChem/eChem.html> | 6/30/2012 |
| Activity 1.1.1a | eChem Instructions<http://www.sciencegeek.net/eChem/eChem.html> | 6/30/2012 |
| Activity 1.1.3 | Images of organic alcohols were generated and copied from eChem<http://www.sciencegeek.net/eChem/eChem.html> | 6/30/2012 |
| Activity 1.3.2 | Shell Creek Bridge, Big Horn County, Wyoming[http://en.wikipedia.org/wiki/File:EJE\_Bridge\_over\_Shell\_Creek.jpg](http://en.wikipedia.org/wiki/File%3AEJE_Bridge_over_Shell_Creek.jpg) | 6/30/2012 |
| Investigation 3 Overview | Image of Shell Creek Bridge[http://en.wikipedia.org/wiki/File:EJE\_Bridge\_over\_Shell\_Creek.jpg](http://en.wikipedia.org/wiki/File%3AEJE_Bridge_over_Shell_Creek.jpg)Image credit: National Park Service (Public Domain) | 6/30/2012 |
| Investigation 4 Overview | Rule of 72 – estimate vs. the “real” answer<http://www.moneychimp.com/features/rule72.htm> | 6/30/2012 |
| Investigation 4 Overview | Rules of Tripling (114) and Quadrupling (144)<http://allfinancialmatters.com/2007/05/14/the-rule-of-72-114-and-144/> | 4/24/2012 |
| Investigation 4 Overview | Penny Problem<http://www.kokogiak.com/megapenny/default.asp> | 6/30/2012 |
| Investigation 4 Overview | King’s Chessboard Problem - after examining this problem, students can visit [www.freerice.com](http://www.freerice.com) to answer questions and get free rice donated to those in need around the world. | 6/30/2012 |
| Investigation 4 Overview | The Devil and Daniel Webster. NCTM’s *Illuminations* collection of lessons and can be found at:<http://illuminations.nctm.org/LessonDetail.aspx?id=L288> | 6/30/2012 |
| Investigation 5 Overview | Fractals in Everyday Life<http://www.alicekelley.com/> | 6/30/2012 |
| Investigation 5 Overview | Fractals in Everyday Life<http://www.splashnology.com/article/60-amazing-fractal-designs/393/> | 6/30/2012 |
| Investigation 5 Overview | Fractals in Everyday Life<http://www.incrediblesnaps.com/spiral-fractal-designs> | 6/30/2012 |
| Performance Task | Describes the honeycomb<http://www.pbs.org/wgbh/nova/bees/hive.html>. | 6/30/2012 |
| Performance Task | Reason for the hexagon shape <http://www.microscopy-uk.org.uk/mag/artsep98/bees.html> | 6/30/2012 |