Appendix L

“Must-See” Math Websites

This list will get you started on finding a variety of websites to support the planning and delivery of mathematics instruction. Some of these sites offer fun classroom activities, while others provide valuable teacher resources. Many of the sites are free, but some may require a fee to subscribe.

Websites to Explore

Mathematics Professional Organizations and Standards

- [http://www.nctm.org](http://www.nctm.org)—National Council of Teachers of Mathematics (NCTM)
- [http://www.mathedleadership.org](http://www.mathedleadership.org)—National Council of Supervisors of Mathematics

Rich Math Tasks and Teaching Resources

- [estimation180.com](http://estimation180.com)—Estimation 180: A collection of lessons and photos to enhance students’ estimation skills and generate math thinking.
- [https://gfletchy.com/3-act-lessons/](https://gfletchy.com/3-act-lessons/)—GFletchy: This collection of standards-based 3-act tasks by Graham Fletcher contains photo and video tasks to engage students in mathematical thinking.
- [https://illuminations.nctm.org/](https://illuminations.nctm.org/)—Illuminations: This website of the National Council of Teachers of Mathematics hosts lessons, templates, and applets focused on K–12 math standards.

Interactive Math Games

- [www.coolmath4kids.com](http://www.coolmath4kids.com)—Coolmath 4 kids: This site offers a variety of games and activities including a lemonade stand simulation, tessellation demonstrations, fractals, and much more.

- [www.funbrain.com](http://www.funbrain.com)—Fun Brain: A variety of math skills can be reviewed through interactive games like Measure It!, Math Baseball, Shape Surveyor, Change Maker, and Fresh Baked Fractions. Activities are for grades K–12.


- [https://www.mathlearningcenter.org/resources/apps](https://www.mathlearningcenter.org/resources/apps)—The Math Learning Center: Free math apps are available from this Math Learning Center site.


- [http://www.pbskids.org](http://www.pbskids.org)—PBS Kids: This site offers a variety of interactive math games featuring PBS characters.

- [http://www.sesamestreet.org/games](http://www.sesamestreet.org/games)—Sesame Street: Primary students explore interactive games about numbers and counting on this Sesame Street website.

- [www.usmint.gov/kids](http://www.usmint.gov/kids)—United States Mint: This website of the U.S. Mint has games, cartoons, fun facts, and lesson plans for money activities K–12.
Teacher Resources and Professional Learning

- [www.heinemann.com](http://www.heinemann.com)—Heinemann: Heinemann publishes a wide variety of professional books and offers workshops, on-site professional development, webinars, and on-demand (online) courses for teachers.


- Math in Practice Facebook group (request to join the group)
  Join this group of K–5 educators to chat about topics related to K–5 math teaching and learning.

- [https://mathsolutions.com/](https://mathsolutions.com/)—Math Solutions: Math Solutions publishes professional books and provides a variety of professional development options.

- [www.qualityteacherdevelopment.com](http://www.qualityteacherdevelopment.com)—Quality Teacher Development: This site provides links to K–5 math professional development led by Sue O’Connell and her colleagues and includes lists of math resources and blog posts.

- [https://www.youcubed.org/](https://www.youcubed.org/)—You Cubed: This site offers professional development designed by the You Cubed Team at Stanford University.