Recommended Resources

Early Childhood STEM:

I-LABS Learning Module on Early STEM
modules.ilabs.uw.edu/module/early-stem-learning/

Let's Talk About Math Video Series
toosmall.org/lets-talk-about-math

STEM Sprouts Teaching Guide and Parent Tip Sheets
www.bostonchildrensmuseum.org/stem-sprouts

Books and Games
- Think & Learn Code-a-pillar
- ThinkFun Robot Turtles game
- Rosie Revere, Engineer by Andrea Beaty

Elementary STEM:

Resources for Coding and Computer Science
- Scratch Jr - Coding for young children: www.scratchjr.org
- Code.org - Expanding access to computer science; Hour of Code: code.org
- CS Unplugged - Collection of free teaching material: csunplugged.org
- Code Spark Academy: codespark.com
- Kodable - Programming for kids: kodable.com

Bedtime Math: Math tips, games, and resources
bedtimemath.org

Games and Apps
- Wonder Workshop Dash Robot
- Ozobot Evo robot
- Snap Circuits kits
- Hopscotch app
- Daisy the Dinosaur app
- Osmo Coding Jam app

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Recommended Resources

Middle/High School STEM:

Resources for Coding and Computer Science
- Code.org - Expanding access to computer science; Hour of Code: code.org
- Scratch - Program interactive stories, games, and animations: scratch.mit.edu
- Codecademy - Coding courses and training modules: codecademy.com
- Google's Made with Code - Creative coding projects: madewithcode.com
- Alice - Learn coding and computational thinking: alice.org
- The Computer Science Teachers Association: csteachers.org
- Tips for Teaching Computer Science: csteachingtips.org

Project Lead the Way: Hands-on STEM courses and teacher PD: pltw.org

Youcubed: Math Resources for Teachers: youcubed.org

FIRST Robotics Competition: https://www.firstinspires.org/robotics/frc

Games and Apps
- LightBot app
- Google's Grasshopper app

STEM and Stereotypes:

National Center for Women & Information Technology: ncwit.org

Engendering Success in STEM: successinstem.ca

National Girls Collaborative Project - Encouraging girls to pursue STEM careers: ngcproject.org

Girls Who Code: girlswhocode.com

Black Girls Code: blackgirlscode.com

FabFems - Female STEM role models: www.fabfems.org

GEMS - Girls Excelling in Math and Science: gems.education.purdue.edu

Let Toys Be Toys: lettoysbetoys.org.uk