

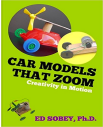




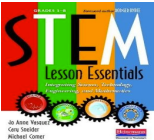






Elementary STEM resources checklist

Check	Product	Picture	Type of Resource	Age Group	Webpage
1. All American Soap Box Derby Education Program			Build and race a full size or mini soap box car, STEM lessons, summer camps	K-12	http://www.soapboxderby.org/education-program.aspx
2. Awakening Your STEM School			book on how to establish a STEM school step by step	Adult	http://www.stemschoolldr.com
3. Brackitz			Construction toy	Pre-school and up	http://brackitz.com
4. Buckeye Facilitation			Educational supplies	K-12	www.buckeyefacilitation.com
5. Center for Mathematics, Science and Technology			Math and science curriculum	K-5	http://cemast.illinoisstate.edu/educators/item/elementary
6. Children's Council of the ITEEA			Promote technology and engineering education for elementary schools	K-6	www.tecchome.org
7. Children's Engineering Educators			Professional development and resources for elementary STEM teachers	K-6	http://www.childrengineering.com
8. Children's Engineering: A Handbook for Elementary Educators			A guide on how to teach basic engineering concepts in the elementary classroom	K-6	http://www.pitsco.com/Childrens_Engineering_A_Handbook_for_Elementary_Educators
9. Design It! Series by Bernie Zubrowski			Problem solving activities	3-7	http://www.kelvin.com/mm5/merchant.mvc?Store_Code=k&Screen=CTGY&Category_Code=ENDEED
10. Design Squad			Design activities, animations, video profiles, and TV episodes	2-7	http://pbskids.org/designsquad/parentseducators
11. Dewey Mac			Dewey Mac, Kid Detective Book - Make DIY & STEM Spy Gadgets	3 - 7	http://deweymac.com
12. Edison the Robot			Affordable robot for learning and inventing	K-7	www.meetedison.com
13. Engineering Educators			Middle school engineering activities	Middle School	http://www.engineeringedu.com/store/index.php?route=product/category&path=33_67
14. Engineering – Go For It			Engineering activities and resources for children	K-7	http://www.egfi-k12.org

15. Engineering is Elementary	 <p>Developed by the Museum of Science, Boston</p>	A research-based, classroom-tested curriculum	2-8	http://www.mos.org/eie
16. Family Engineering		A book on how to organize and run a STEM event	Adult	http://www.familyengineering.org
17. Finch Robot by Birdbrain Technologies		A new robot for computer science education.	K-8	http://www.finchrobot.com
18. The Go-To Guide for Engineering Curricula		A summary of many engineering curricula for grades preK-5	preK - 5	http://www.amazon.com/Go-To-Guide-Engineering-Curricula-Grades/dp/1483307379
19. iDiscovery	 <p>Virtual Professional Learning Communities Supporting Ohio's Math and Science Educators</p>	Online course to integrate STEM concepts into the Ohio science and math standards	Adult	https://idiscovery.org
20. ITEEA's Engineering by Design		Standards-based national STEM model for Grades K-12	K-12	http://www.iteea.org/EbD/ebd.htm
21. KEVA Planks		Construction system with educational resources	Pre-K to Adult	http://www.kevaplanks.com
22. Lakeshore Learning	 <p>High-Quality Educational Products Since 1954</p>	Science, math and STEM educational products	Pre-K - 8	http://www.lakeshorelearning.com
23. Little Bits Electronics		Open ended electronics system	3 - 12	www.littlebits.cc
24. LinkEngineering		All about engineering, the engineering design process and resources for PreK-12	K-12	http://linkengineering.org
25. MakeDo		Cardboard construction system	K - Adult	https://www.make.do
26. NASA Educational Resources		NASA educational resources	K-Adult	http://www.nasa.gov/education/materials/#VZez1BNViko
27. National Science Digital Library	 <p>THE NATIONAL SCIENCE DIGITAL LIBRARY</p>	Search for resources by subject area, educational level, and material type	K - 12	https://nsdl.oercommons.org

28. National Science Teachers Association Science and the STEM Classroom		Free monthly newsletter about integrating STEM into the science classroom.	Adult	https://www.nsta.org/publications/archive-scienceclass.aspx
29. NSTA Young Scientist Newsletter		A free monthly newsletter on teaching science in grades PreK-2	PreK-2 and Adult	https://www.nsta.org/publications/archive-eyns.aspx
30. Northwest Invention Center		Workshops, training and resources for creative learning and innovation	3 - 8	http://www.invention-center.com/products.php
31. Pinblock		A simply designed block	3 - Adult	www.pinblock.com
32. Snap Circuits		Electronics building and learning kits	2 - 12	http://www.snapcircuits.net
33. STEM Learning Ltd (UK)		subject-specific, high impact and quality-assured resources	K-12	https://www.stem.org.uk
34. STEM is Elementary		Free elementary STEM resources, lessons, and a free monthly newsletter	K-8	www.stemis elementary.com
35. STEM Lesson Essentials		Practical ideas on how to integrate STEM concepts into the K-12 curriculum	K-12	http://www.amazon.com/STEM-Lesson-Essentials-Grades-3-8/dp/0325043582
36. Teach Engineering		Standards-aligned engineering lessons	K-12	https://www.teachengineering.org
37. Try Engineering		A resource of engineering activities for students, parents, and teachers	K-12	www.tryengineering.com
38. The Virginia Children's Engineering Council		design and technology instructional for educators at grades K-5	K-5	www.childrensengineering.org
39. Virginia Children's Engineering Council		Biggest and best children's engineering conference in the world	K-5	http://www.cpe.vt.edu/vcec