STEM Education Resources

CS & STEM Resources

Resource	Grade Level	What is it?
Promoting STEM Through Literature	k-8th	Use literature to get your students excited about science, technology, engineering, and math (STEM) by actively involving them in the design thinking process. Each of the titles below shares a story where something was built or invented by designing, planning, gathering materials, and creating.
Picture Perfect STEM Books Picture Perfect STEM K-2 Sample Lesson Book		The award-winning NSTA Press® *Picture-Perfect Science* program features ready-to-teach elementary science lessons designed to help K-5 teachers integrate science and reading in an engaging, kid-friendly way. They provide easy-to-grasp background in **Physical Science**, **Life Science**, **Earth and Space Sciences**, and **Engineering Practices**. Step-by-step teaching notes, student pages, internet resources, assessments, suggestions

		for further inquiry, and more books to read are also included...everything you need is at your fingertips!
National Geographic GeoChallenge	PreK-12	A resource library with a lot of challenges and lessons with hands on experience in the world of STEM.
Project Lead the Way (PLTW)	PreK-12	Created by teachers and led by educators, PLTW motivates, prepares, and supports teachers as they strive to make every child in every grade STEM-successful. From the first day to the last day, we're the STEM ally you and your teaching staff can count on. This is a high quality resource but also very expensive.
Godfrey Lee's K-8 STEAM Scope & Sequences K - 8 STEAM Standards - MiSTEM Deliverable		The K-8 STEAM program uses a hands-on, inquiry-based approach and project based learning opportunities in the focuses areas of Science, Technology, Engineering, Art & Mathematics. Units are tagged in one or more of the STEAM focus areas. This is great example of how to tie in many different content area standards into a high quality STEAM experience for kids.