



STEM Resources for Middle School in Discus – South Carolina’s Virtual Library

Database/Resource	Grade Level	Content and Special Features
Gale in Context: Biography	K - 12	Browse People for bios on general STEM occupations Search or Advanced search for specific STEM occupation biographies: aerodynamic engineers, biophysicists, mathematicians, technologists, systems engineers.
Britannica School - Middle	6 - 8	Browse topics, search articles, audioclips, and maps. Locate images, videos, primary documents; curriculum standards.
Career Transitions	6 - 12	Software to search jobs, create resumes and cover letters, take a career interest assessment, and explore careers. Browse 16 career clusters, some of which include STEM related careers.
Credo Reference	5 - 12	Create concept maps for STEM topics; Comprehensive Topic Pages; D-K Eyewitness series books on science, health and medicine, technology, and engineering. STEAM Jobs in and STEM Everyday book series
CultureGrams Kids Edition K-6 World Edition 7 - 12	K - 12	200+ countries information on lifestyle, demographics, health, economy; currency converter, time converter; create-your-own data tables; natural resources
Explora Middle School	6 - 8	Search multiple databases at once: Science Reference Center, Science Reference ebook Collection, Points of View Reference Center, Middle Search Plus, Health Source, and History Reference Center and ebook Collection. Articles, videos, images.
Health Source – Consumer Edition	8 – 12+	80 full-text consumer health magazines, 100 health-related pamphlets and 130 health reference books; medical dictionary.
Kids Infobits	K - 6	Full-text from 120 children’s magazines, reference sources and newspapers; includes images and maps, recipes, activities, and science experiments; over 600 videos on science topics
Learn360	PK-12	Covers science, engineering, technology and mathematics with videos, interactives, lessons, audio files, science experiments , printables, and more. Filter search by grade level and subject.
LearningExpress Library	4 – 12+	Practice tests, math and science skill builders, and computer skills tutorials; math and science ebooks
Middle Search Plus	6 - 8	140 middle school magazines with full-text articles.
Novelist K-8 Plus	K – 8	Locate fiction and nonfiction titles for collection development and readers’ advisory; read alikes; See Nonfiction tab, “Exciting Science”; robotics; Related content” STEAMing Along with Books
Gale in Context: Opposing Viewpoints	6 - 12+	Contemporary social issues with content to promote critical thinking; Periodicals, podcasts, reviewed Web links, images, statistical tables; infographics, charts, graphs; content correlated to science curriculum standards and Lexile reading level



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Points of View Reference Center	6 – 12+	Full-text articles and essays providing multiple sides of current issues and controversial topics; an overview, a point, a counterpoint, and a Critical Thinking Guide Content includes magazines, newspapers, radio and TV news transcripts, primary documents, reference books, and video
Science Reference Center	6 - 12+	Full-text from science encyclopedias, reference books, periodicals, essays, and biographies of scientists; science experiments ; includes animations, images, and video
Tumblebooks Library	K - 6	National Geographic videos, read-aloud storybooks, chapter books, graphic novels; puzzles, games, book report organizer, math materials; 70 titles on science; 20 titles on technology; cyberspace; mechanimals; robots
World Almanac for Kids - Intermediate	6 - 9	Covers 18 topics on physical science, life science , and biographies of scientists, mathematicians, inventors; includes a Math Corner with equations, facts, key people, videos, and games; includes hundreds of science projects

This is a selected list. For a complete list of available databases, see the A-Z list at scdiscus.org.