

## STEM Resources for Elementary in Discus – South Carolina’s Virtual Library

Database/Resource	Grade Level	Content and Special Features
<b>Animal Kingdom</b>	K - 4	Explore Animals by Group or by Habitat; Featured Videos; Related Links; <i>Did You Know?</i> trivia
<b>Biography (Gale in Context)</b>	K - 12	<b>Browse People</b> for bios on general STEM occupations <b>Search More People or Advanced search &gt; Person Search</b> for specific STEM occupation biographies such as: engineers, scientists, mathematicians, technologists, . Highlight text, create notes, citation tool; lexile range search
<b>BrainPOP, Jr</b>	K - 3	<b>61 science movies</b> in 11 categories <i>Making and Testing Predictions, Making Observations, Being a Scientist, Scientific Method, Physical and Chemical changes, Simple Machines, Tally Charts and Bar Graphs</i> <b>56 math movies</b> in 10 categories; <b>8 technology</b> movies games, quizzes, activities, and <b>science experiments</b>
<b>Britannica School - Elementary</b>	K – 5	Browse topics, search articles, images, videos, primary documents; <b>branches of science, scientific method, scientists, mathematicians</b> . Share to Google Classroom and Drive.
<b>Britannica Learning Zone</b>	K - 2	Explore countries, animals, and culture from interactive world map; early math skills. Draw, Play, and Read. Basic dictionary. Audio-enabled.
<b>Credo Reference</b>	5 - 12	Create concept maps for STEM topics; Comprehensive Topic Pages; <b>D-K Eyewitness</b> series books on science, health and medicine, technology, and engineering. <b>STEAM Jobs in</b> and <b>STEM Everyday</b> book series <b>STEM Everyday</b> series
<b>CultureGrams</b> 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
<b>Explora</b> Elementary	K-5 6-8 9-12	Tool to search several EBSCO databases at once. Retrieve articles, videos, and images on search topics.
<b>Kids Infobits</b>	K-5	Full-text from 120 children’s magazines, reference sources and newspapers; includes images and maps, <b>science experiments</b> , and <b>over 600 videos on science topics</b>

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<b>Learn360</b>	PK-12	Multimedia videos, interactives, lessons, audio files, <b>science experiments</b> , and more.
<b>LearningExpress Library</b>	4 – 12+	Practice tests, math and science skill builders, and computer skills tutorials; math and science e-books
<b>Novelist K-8 Plus</b>	K – 8	Locate fiction and nonfiction titles for collection development and readers’ advisory; read alike; See Nonfiction tab, “Exciting Science”; robotics; Related content” <i>STEAMing Along with Books</i>
<b>Tumblebook Library</b>	K- 6	National Geographic videos, read-aloud storybooks, chapter books, graphic novels; puzzles, games, book report organizer, math materials; <b>70 titles on science; 20 titles on technology; cyberspace; mechainimals; robots</b>
<b>World Almanac for Kids – Elementary</b>	2 – 5	Science projects, videos, articles, games, maps, quizzes, graphic organizers. Math Corner and <b>over 15 STEM topics</b> on animals, insects, flowers, forces and motion, matter, solar system, sound and light, weather, scientists, and more!

This is a selected list. For a complete list of available databases, see the A-Z list at [scdiscus.org](http://scdiscus.org).