Discovery Education STEM Connect is an interdisciplinary K-8 resource that enhances core curriculum. It guides students to develop and apply knowledge and skills to important real world challenges as it helps them build real possibilities for their future.

How can we inspire students to solve real world challenges?

Designed to bring the solution seeker out in all learners, STEM Connect is a web-based resource that offers flexible, modular units that:

» Present relevant, real world problems
» Give opportunities to creatively brainstorm multiple solutions
» Encourage critical thinking and collaboration
» Provide opportunities to develop and apply solutions
» Ask students to share and communicate their ideas, processes, and solutions
» Connect career opportunities in context

“I LOVED the cost-benefit analysis project — the students had to really think about this and I was so pleased with how it made them use the 4Cs and the math standards that we are working on in class.”

— 5th Grade Teacher, Harrisburg, PA
Stem Connect has woven the 4Cs — Communication, Collaboration, Creativity, and, Critical Thinking — into a unique curricular framework that progresses across grade levels.

Real World Challenges
STEM Connect presents challenges that progress from Grades K to 8. Younger students are faced with more personal, local issues, whereas middle school students are pushed to solve more complex, global challenges.

Literacy Infused
STEM Connect develops and strengthens literacy skills through informational text infused with fictional stories and characters, introducing problems to students with relevancy and engagement.

Career Connections
STEM Connect provides students with opportunities to learn about diverse STEM careers in context and connects the skills they are using to real work happening around the world.

Across Subjects & Grades
STEM Connect Content Connection activities ask students to apply appropriate grade-level skills in various disciplines, ranging from math and literacy to art and health.

Hands-On Activities
STEM Connect blends dynamic digital content with engaging opportunities for students to build, design, make, and create.

Global STEM Solution Seekers
STEM Connect users are part of a global community working to solve important real-world challenges. In select units, students connect via GlobalLab, a global student laboratory, to share data and collaborate with others around the world.

Local Connections
STEM Connect topic areas represent global challenges, but students are asked to personalize solutions to fit community and local needs.