

Real Challenges. Real Possibilities.



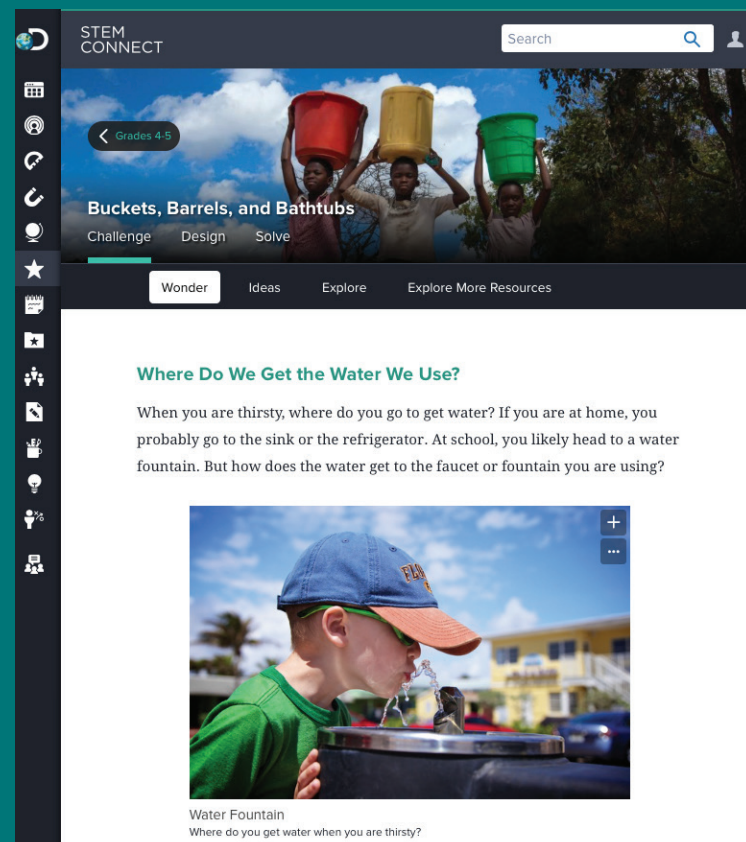
## Discovery Education STEM Connect

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



The screenshot shows the STEM Connect website interface. At the top, there is a search bar and a user profile icon. Below that, a navigation bar includes a search bar, a search icon, and a user icon. The main content area features a challenge titled "Buckets, Barrels, and Bathtubs" with a "Grades 4-5" filter. The challenge is categorized under "Challenge", "Design", and "Solve". Below the challenge title, there are tabs for "Wonder", "Ideas", "Explore", and "Explore More Resources". The "Wonder" tab is selected, showing a section titled "Where Do We Get the Water We Use?". The text below this section asks, "When you are thirsty, where do you go to get water? If you are at home, you probably go to the sink or the refrigerator. At school, you likely head to a water fountain. But how does the water get to the faucet or fountain you are using?". Below the text is a photograph of a young boy in a blue cap and green shirt drinking from a water fountain. The caption below the photo reads "Water Fountain" and "Where do you get water when you are thirsty?".

***"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

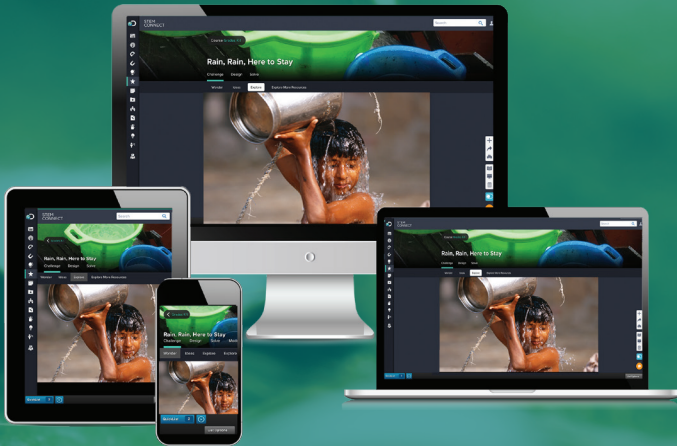
## Explore STEM Connect

Live Demo. Trial. Chat. Buy.

[DiscoveryEducation.com/STEMConnect](http://DiscoveryEducation.com/STEMConnect)

### Affordable, One-Stop Resource

STEM Connect affordably packages everything teachers need in one place. From model lessons and interdisciplinary connections, to interactive tools and accompanying hands-on activities, STEM Connect saves teachers time.



### Easy to Use, Anywhere, Anytime

STEM Connect offers a streamlined design that provides an easy-to-follow experience, accessible from any device, 24/7. STEM Connect can be used with any amount of technology — a classroom full of laptops, tablets, individual smart phones, or a single interactive whiteboard.

# Key Features



### 4C STEM Skills

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.