

Energy that Works for a Green Economy

A Learning QUEST



Who: STEM AP Environmental Science Students & Partner Schools

When: Tuesdays 9:45 – 10:30 am MST via ZOOM

March 2, 9, 23, 30 / April 6, 13

Guiding Question:

How can renewable energy prepare us for life after carbon-based energy?

Description:

This QUEST will be a student-driven, experiential learning collaboration inspired and informed by subject matter experts from **GE Renewable Energy**. Dr. Jennifer Campbell-Smith, STEM School Highlands Ranch, will be the lead facilitating teacher for this adventure.

Industry experts will serve as mentors in the design and direction of the project. Experiential learning will be a priority as students actively participate, create solutions, take initiative, and apply what they learn to the real world. Every effort to listen to the "student voice" will be made.



Question



Uncover



Explore



Solve



Teach

QUEST - <https://captainplanetfoundation.org/> Empowering Next Generation Changemakers! Laura Arndt, Global GreenSTEM

The synchronous zoom meetings will be a combination of industry expert presentations with student progress reports from work done asynchronously.

Outreach:

Rural and international students will be invited to collaborate so that the proposed solutions are global solutions. Applied learning and 21st-Century Skills will be strengthened as students learn real-world problem solving with subject matter experts who are real-world problems solvers. The "T" in QUEST will be helping middle schoolers understand how to exist, promote, and live in a green economy.

Educational Partners:

Anne Tweed, Director of STEM Learning Solutions, LLC in Denver

Martin Ogle, [Entrepreneurial Earth](#), ALL Careers

Gregg Cannady, Collaboration and Concept Development, STEM School Highlands Ranch

