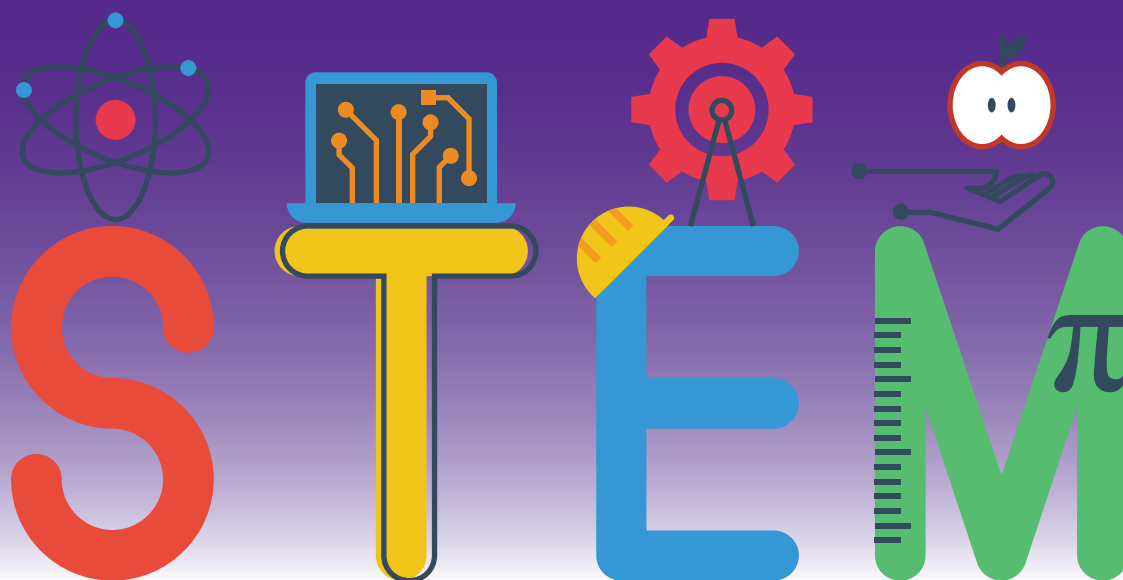


CLEMSON UNIVERSITY SCIENCE OUTREACH CENTER

Virtual Stem Club



A fun learning experience for children ages 8–12!

The STEM Club will engage students through six unique STEM Club sessions, each with two live instructors present. Sessions run Feb. 1–April 23 and are offered multiple times throughout a two-week period to accommodate the diverse schedules of each student. One week prior to each session, you will select the class time/date that works best for you. We also provide a recording of each session, in case your child cannot attend a session live.

* **Session 1: Oceans**

Deepen your understanding of ocean pollution through experiments with CO₂ and investigations into ocean clean-up devices.

* **Session 2: Light & Color**

Explore light, color, and diffraction by building your own spectroscope.

* **Session 3: The Magic of Light**

Design and build a kaleidoscope while investigating how light can play tricks on our minds, distort images, and create beautiful designs.

* **Session 4: Air Pressure**

Experiment with balloons and bottles to explore the principles of air pressure.

* **Session 5: Diffusion & Osmosis**

Discover the phenomena of diffusion and osmosis through “growing a rainbow” and experimentation with dialysis tubing.

* **Session 6: Plants**

Design and build your own plant seed prototype while learning about seed dispersal in plants.

WHEN: Class schedules will be announced bi-weekly but in general will be offered 3–4:30 p.m. EST or 4–5:30 p.m. EST Monday–Thursday

WHERE: Zoom virtual classroom

COST: \$142, which includes all 6 sessions + mailing camp materials to each camper’s home



**SCIENCE
OUTREACH
CENTER**

Register today or contact us for more information!

For more information visit: clemson.edu/centers-institutes/culsoc
Register your child here: <https://tinyurl.com/y4v9q6rh>
Register by Jan. 15, 2021

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