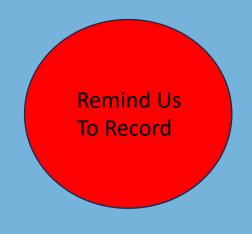
South Carolina's Coalition for Mathematics & Science

SCCMS



DUKE ENERGY SCIENCE NIGHT



2023-2024 Program Welcome Webinar January 25, 2024

AGENDA

- Introductions
- SC STEM Education Month Overview
- DESN Program and Resources Overview
- 2024 Activities
- 2023-2024 Timeline
- Questions



INTRODUCTIONS

SCCMS Staff

Tracey Campbell

Director Special Projects

Elena Stout

S²TEM Centers SC

Education Specialist



PARTNERSHIPS



Special Thanks to...

Tom Peters - SCCMS - Executive Director

Amanda Dow - Duke Energy Foundation – Stakeholder Manager

Erik MacIntosh- NCSciFest - Director Kim Moore - NCSciFest - K-12 Program Assistant

SC Science Night is sponsored by



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ADAPTED IN PARTNERSHIP WITH

SOUTH CAROLINA'S COALITION FOR MATHEMATICS & SCIENCE

COALITION FOR MATHEMATICS & SCIENCE

A Chievement by Design

ABOUT SCCMS

- South Carolina's Coalition for Mathematics & Science
- Supporting STEM Education in South Carolina
- www.sccoalition.org





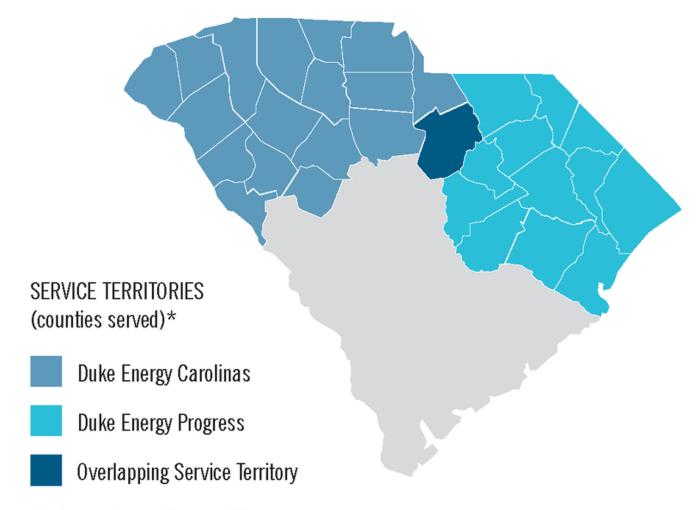




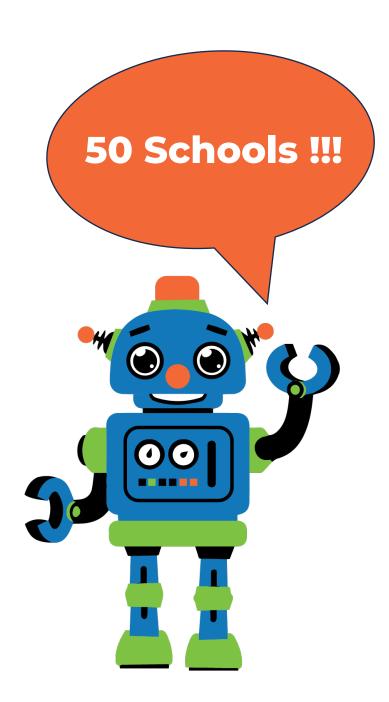


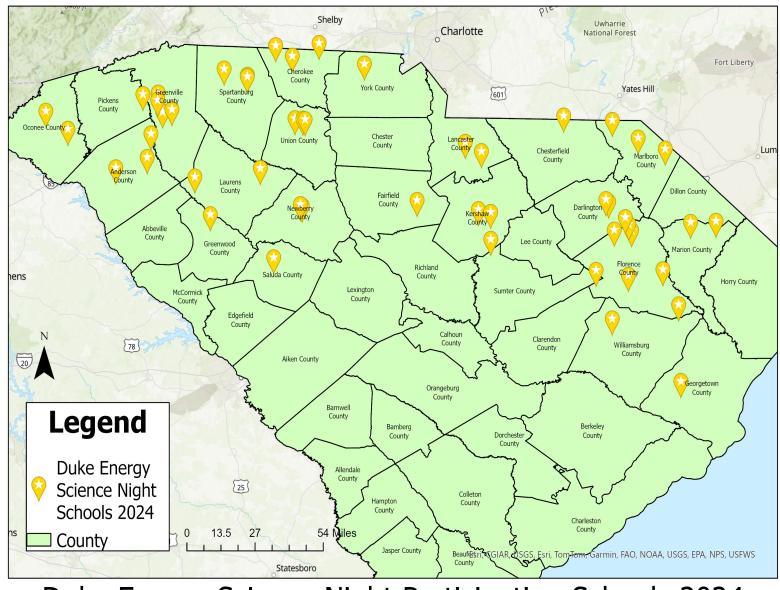


Duke Energy Service Area in South Carolina



^{*}Portions may be served by other utilities.





Duke Energy Science Night Participating Schools 2024

SC STEM EDUCATION MONTH

- March 14 April 14, 2024 (starts on Pi Day!)
- Theme Opportunity in the EcosySTEM
- Inviting students, educators, business / industry and government to celebrate STEM education.
- STEM Day at the Capitol April 10, 2024



www.scstemmonth.org#SCSTEMMonth
#SCEcosySTEM







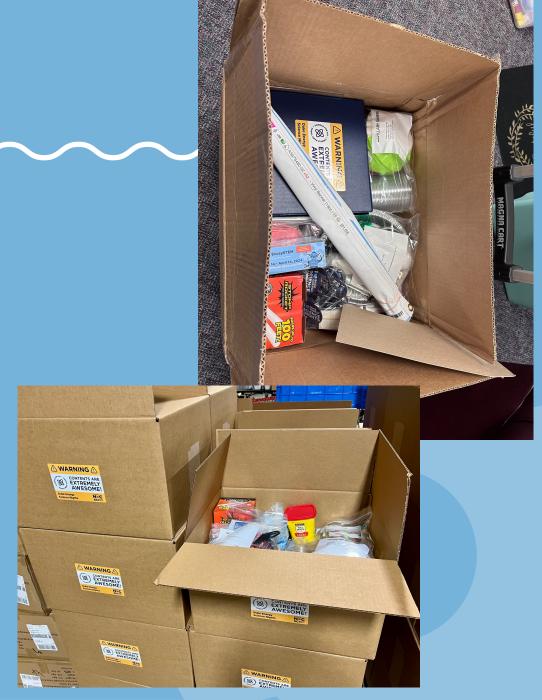












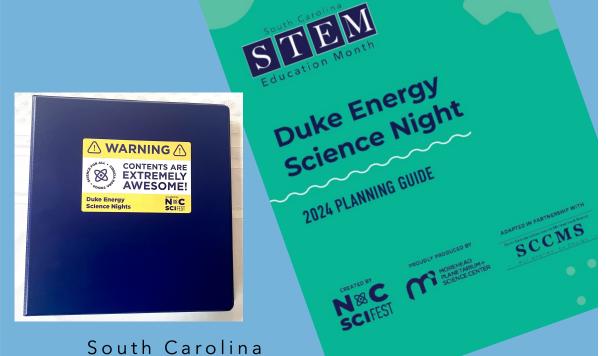
PROGRAM AND RESOURCES OVERVIEW

Events hosted and planned by schools with support from SCCMS and the Duke Energy Foundation

- Planning Guide
- Activity Guides, Instruction Sheets, and Table Cards
 - English and Spanish online
 - Printed on Cardstock (English) in kits
- Activities
 - Aligned to SC Science Standards (K-5)
- Materials Kit
 - Supplies for 200 participants
 - Banner, flat robot, bookmarks
- Guidance and Support
- Planning Webinars



PLANNING GUIDE

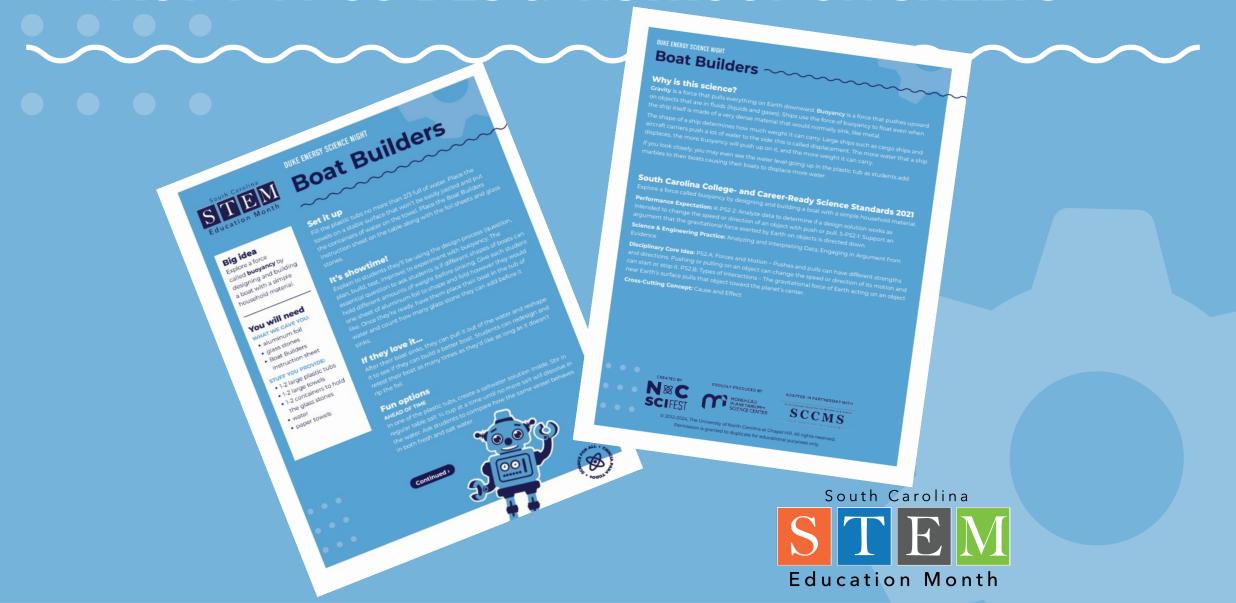


Education Month

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ACTIVITY GUIDES & INSTRUCTION SHEETS



DIGITAL RESOURCES **NOW ONLINE!!!**



STEM EDUCATOR OF THE YEAR

PARTNER ACTION TEAM

STEM DAY AT THE CAPITOL

GRANTS

Duke Energy Science Nights for Elementary Schools





DESN Resources

- Program Welcome Letter
- Planning Guide
- Materials List Items provided in kit
- Activity Guides English
- Activity Guides Spanish
- Instruction Sheets English
- Instruction Sheets Spanish
- Table Cards English
- Table Cards Spanish
- VIDEOS for each Activity Planning Support *Coming in early February

Announcement Templates

- DESN Editable Flyer Template
- Welcome Sign (8.5x11)
- DESN Press Release Template English & Spanish
- DESN Web or Newsletter Announcement Template English & Spanish
- DESN Announcement to Parents and Volunteer Request Template English & Spanish
- DESN Reminder to Parents Template English Spanish

Additional Resources

- Citizen Science Handout
- Flat Tinker Robot

Webinars

2024 ACTIVITIES

Activity	Concept	Activity Details
Boat Builders	Buoyancy	Design and build a boat with simple materials.
Capillary Flowers	Botany	Explore capillary action while making a colorful paper flower.
Fingerprints	Life Science	Explore the 3 main fingerprint patterns.
Light It Up	Conductivity	Explore electrical circuits through transfer of energy.
Moon Craters	Earth, Moon, & Sun	Explore what causes craters in the moon.
Paper Flying Machines	Forces & Motion	Build different flying machines to explore forces of flight.
Solar Eclipse Art	Earth, Moon, & Sun	Learn about solar eclipses while making a work of art.
Sound Sandwich	Sound	Discover why we can hear and sometimes feel sound.
Stomp Rockets	Forces & Motion	Build a rocket and blast it into the air.
UV Bracelets	Earth, Moon, & Sun	Make a bracelets using special beads to learn about UV light.



TIMELINE

- Jan 2024: Online resources available
- Jan 2024: Welcome Webinar
- Feb 5, 2024: Kits scheduled to ship
- Feb 8, 2024: Webinar Event Planning
- Feb 27, 2024: Webinar Exploring Activities
- March 14- April 14, 2024: DESN Events! Yay!
- April 25, 2024: Evaluation and feedback due to SCCMS
- May 2, 2024: Webinar Program debrief and feedback



Questions?

desn@scstemmonth.org