

MCNEESE STATE UNIVERSITY

# M STEM ACADEMY



SCIENCE · TECHNOLOGY · ENGINEERING · MATHEMATICS

## After School Learning FUN!

[www.mcneese.edu/STEMacademy](http://www.mcneese.edu/STEMacademy)

For Students 1<sup>st</sup> – 8<sup>th</sup> Grade

**Project Based  
Hands-on Activities  
Design, Create, Build,  
Innovate**

**Experience the human-made world through  
technologies we use every day.  
See how engineering makes science and math  
relevant. Explore careers in STEM fields.**

**11 Weeks**

\* Selected list of topics, not all-inclusive

**Grades 1-2**  
Tuesdays  
Jan. 21 – Apr. 7  
5 – 6:30 p.m.

**Grades 3-8**  
Wednesdays  
Jan. 22 – Apr. 17  
5:30 – 7 p.m.



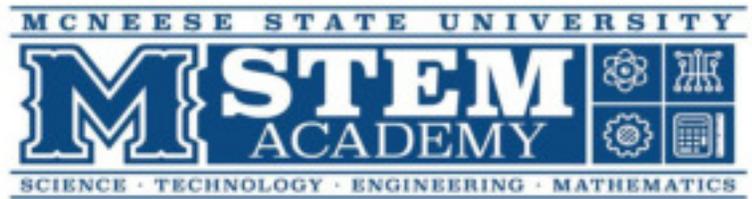
### Sponsors



SEED Center  
Room 142  
McNeese Campus

Register at [www.mcneese.edu/STEMacademy](http://www.mcneese.edu/STEMacademy)  
Or call 337-562-4137

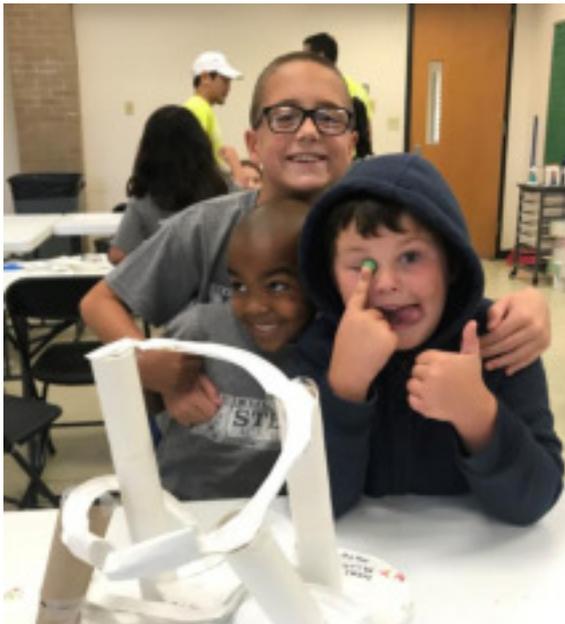
# MEET OUR TEACHERS!



## Grades 1-2

**Bonnie Ramsey** has been teaching for 17 years. She earned a bachelor's degree in early childhood education and a master's degree in educational technology and facilitation.

Bonnie will provide innovative and engaging hands-on science, technology, engineering and math (STEM) projects. Students will have exciting opportunities that cover coding, Lego education, rockets, exploring rainbows science, parachutes, mazes and other interesting topics.



## Grades 3-5

**Ruth Adams** has been teaching third grade science for four years. She currently teaches at Ralph Wilson Elementary and is passionate about seeing students today develop an understanding of problem solving, engineering, and development and design. She has taught in the Engineering is Elementary after-school program, in which students were engaged and challenged in designing solutions to everyday problems.

Ruth attended training presented by the Boston Museum of Science on how to implement engineering and science standards for elementary classrooms. Your child will engage in fun, motivating and innovative tasks that will help them unlock the mysteries of science.

## Grades 6-8

**Melissa Oliver** graduated from LSU with a bachelor's degree in elementary education and a M.Ed. degree in gifted education. She has taught in the gifted programs in Baton Rouge and Calcasieu Parish for 11 years.

Students will utilize all aspects of STEM. They will design, create and implement projects with real-world applications. Participants will use coding, robotics, engineering and math skills to create working prototypes.



**Mission Statement:** The **McNeese STEM Academy** seeks to inspire and motivate young minds to explore the world around them and imagine, create, test and improve economically attractive solutions that solve everyday problems. The Academy uses engineering applications as the means to teach students critical thinking, problem solving and innovation principles through fun, imaginative, hands-on exploratory activities that integrate math and science content. The classroom experience is reinforced during field trips where participants are exposed to real-life solutions of problems investigated in the classroom. Emphasis is given in career exploration and oral/verbal communication of the solutions created by the participants.