



USC Salkehatchie STEM offers:

Drone flying and coding
Micro Bits coding
Cybersecurity and coding
3D printing and coding

LEGO first League assistance
Multiple hands-on lessons for all STEM subjects
Virtual Reality headsets are coming soon!
Nuclear Science Week supports and Plant Vogtle Tour

Hands on Lessons offered:

Math

Algebra:

"Something Fishy" - Grade Level: 6th to 8th
"Water Lab for Non-Linear Functions" - Grade Level: 7th to 12th
"Finding the Cost of a Pumpkin" - Grade Level: 7th to 12th
"Angry Birds Parabola" - Grade Level: 8th to 12th

Geometry:

"The ABCs of Geometry" - Grade Level: 6th to 8th
"Marshmallow and Toothpick Geometry" - Grade Level: 6th to 10th
"Putt Putt Course Design Project" - Grade Level: 6th to 12th
"Plan Your Own City" - Grade Level: 8th to 10th
"Design your Dream Home" - Grade Level: 10th and higher

Science

Biology:

"Cells with Slime" - Grade Level: 6th to 12th
"Twizzler DNA Model" - Grade Level: 7th to 12th
"Osmosis Gummy Bears" - Grade Level: 8th to 10th
"Gummy Worm Mitosis" - Grade Level: 9th to 12th

Chemistry or Physical Science:

"Boo Bubbles" - Grade Level: 6th to 12th
"Grinch's Heart/Witches Brew" - Grade Level: 6th and higher
"Soda Rocket" - Grade Level: 7th and higher
"Lewis Structures with Chalk" - Grade Level: 10th to 12th

Earth Science:

"Tornado in a Bottle" - Grade Level: 6th to 9th
"Layers of the Earth Ball" - Grade Level: 6th to 9th
"Starburst Rock Cycle" - Grade Level: 7th to 10th
"Drops on a Penny" - Grade Level: 8th to 12th

Engineering:

"Snowball Fight" - Grade Level: 1st to 5th

"Winter Ski Challenge" - Grade Level: 3rd to 5th

"Paper Airplane Challenge" - Grade Level: 4th to 7th

"Egg Drop Challenge" - Grade Level: 7th to high school

"Paper Bridge Challenge" -Grade Level: 9th and higher

Technology:

"Beating Heart Microbit Lesson" - Grade Level: 4th to 7th

"Compass North Microbit Lesson" - Grade Level: 6th to high school

"Candle Microbit Lesson" - Grade Level: 6th to 9th grade

"Touch Stopwatch Microbit lesson" - Grade Level: 7th to 10th

"Proximity Beacon" - Grade Level: 7th and higher

General Stem:

"Ballon Car Blast" - Grade Level: 3rd to 12th

"Tallest Tower" - Grade Level: 4th and higher

"Saving Sam" - Grade Level: 5th grade to high school

"Bone Bridge Challenge" - Grade Level: 6th and higher

"Robotic Hand Challenge" - Grade Level: 8th and higher

Contact Information:

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STEM Manager

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