

SPRING into
 STEM

FEBRUARY /
 MARCH
 2021

STEM

Weekly
 challenge

Science	Technology	Engineering	Mathematics	
Feb 22 Physical Science: <u>Dr. Carruthers</u> <u>How Large is the Solar System?</u>	Feb 23 Personal View: <u>Pandemic Story</u> <u>Space Launch System</u>	Feb 24 Household <u>Robot Challenge</u> <u>Gliders and Their Design</u> <u>Additional Resources</u>	Feb 25 <u>The ABC's of Math with a Twist</u> <u>Exploring Space with Pi</u>	Feb 26 Week #1 <u>Science Challenge</u> <u>Technology Challenge</u> <u>Engineering Challenge</u> <i>Math Challenge in Activity</i>
March 1 Life Science: <u>How does the vaccine work?</u> <u>Viruses, Proteins, and Mutations (High School)</u> <u>Pigeonetics!</u>	March 2 <u>MyFitnessPal App: Tech and Health</u> <u>Robotic Rovers</u>	March 3 <u>Engineering Process Poster</u> <u>Virtual Tour: JWST</u>	March 4 <u>Designing with Math</u> <u>Measuring Pluto with Pi</u>	March 5 Week #2 <u>Science Challenge</u> <u>Technology Challenge</u> <u>Engineering Challenge</u> <i>Math Challenge in Activity</i>
March 8 Earth Science: <u>Virtual Visit to the Sun and Moon</u> <u>Virtual Tour: ISS</u>	March 9 <u>CTE Multimedia Career Project</u> <u>Virtual Tour: JPL</u>	March 10 <u>App Inventor Challenge</u> <u>Virtual Tour: Exoplanets</u>	March 11 <u>Let's Play Pi-ngo!</u> <u>Virtual Tour: Mars</u>	March 12 Week #3 <u>Science Challenge</u> <u>Technology Challenge</u> <u>Engineering Challenge</u> <i>Math Challenge in Activity</i>

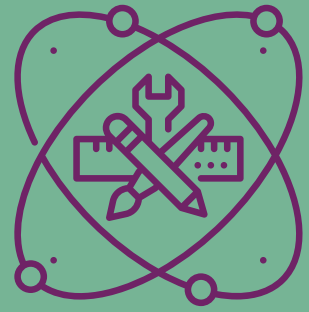
STEM Dates in February and March:

- February - Career and Technical Education Month
- Feb 11 - International Day of Women and Girls in Science
- Feb 21-27 - National Engineering Week
- March 14 (3/14) - Pi Day

Additional STEM Dates:

- April - Mathematics Awareness Month
- May - National Inventors Month
- Oct 10 - National Metric Day
- Nov 8 - National STEM/STEAM Day

Spring into STEM... in 3 easy steps!



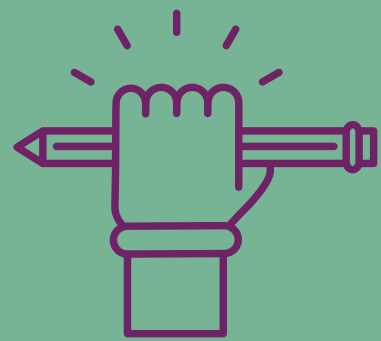
Teachers will share the calendar of activities with students and will offer in-class or out-of-class opportunities to complete the activities.



Students will select the activities they want to experience throughout the week.

Students will click the **Challenge Link** after they complete an activity. Students will complete the challenge based on the activities they did during the week. For each challenge completed, students are entered into a random drawing for prizes.

The more challenges completed, the more entries to win!



Are You Ready
to Spring into
STEM?

Winners will be drawn randomly from all entries to win a prize that could include:

Ozobots
Surprising Science Kit for Students
Squishy Circuits
Magformers
Power Banks
VOLANTEXRC-Solar Robots
...and many more!

Special thanks to:

The South Carolina State Museum
SC DHEC
The Challenger Center