ATTENTION!!!

ELEMENTARY EDUCATORS

2017-2018 STEM PROGRAM

UNIQUE EDUCATION EXPERIENCE
When participating in one of our STEM field trip adventures, students will learn Science, Technology, Engineering and Math can be found in everyday experiences, even in FUN EXPERIENCES like ROLLER SKATING!

PLUS PHYSICAL FITNESS!
One hour of STEM education and two hours of physical fitness through roller skating.

Call 912-354-5437
To Reserve Your School TODAY!
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ELEMENTARY SCHOOL STEM LESSONS!

KINDERGARTEN
THE SCIENCE BEHIND ROLLER SKATING
Students will learn how shapes are important when designing roller skates. They will discuss how we use force to move, and label the parts of a roller skate.
Topics Like: Shapes, Force, Engineering

1ST GRADE
LIGHTS, SOUNDS, & SKATING!
Students will learn that both sound and light can travel in waves. They will discover the different types of lights we use in the skating rink, and learn what makes sound in a skating rink.
Topics Like: Frequency, Waves, Vibrations

2ND GRADE
FORCE & MOTION
Students will learn basic physics as they discuss the forces in play when they roller skate. They will see how gravity and friction impact a skater in motion, then they experiment by rolling a skate down a ramp.
Topics Like: Gravity, Friction, Motion

3RD GRADE
ROCKS & ROLLER SKATING
Students will investigate roller rink materials and classify them based on hardness, color and texture. They will apply skills that are used for rocks & minerals to make observations about the different parts of a skate!
Topics Like: Moh’s hardness scale, luster, defining a rock and mineral, texture.

4TH GRADE
MUSIC & LIGHTING
Students will learn about how light and sound travel. They will learn the exciting effects of light with the use of reflection and refraction. They discuss the different speakers used in a skating rink, and how they work together to make music.
Topics Like: Refraction, Waves, Frequency

5TH GRADE
SOUND & SKATING
Students will discover how speakers work, and will explore how sound waves look and how they travel through different mediums. They will discuss sounds that relate to the roller skating rink including the differentiation in speaker pitch and tones.
Topics Like: Electricity, Doppler Effect, Sound System Design