ATTENTION!!!
MIDDLE SCHOOL 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!

550 MALL BLVD.
SAVANNAH, GA 31406

www.starcastle.info
Email: stemsavannah@gmail.com
MIDDLE SCHOOL STEM LESSONS!

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

6TH GRADE
SKATING IN THE SOLAR SYSTEM

Students will take a journey through our Solar System and discuss what it would be like to build a roller skating rink on different moons and planets. They will discuss engineering challenges with differences in gravity, atmosphere, and temperature.

Topics Like: Earth Space Science, Engineering, and Gravity

7TH GRADE
HEALTH, FITNESS, & SKATING

Students will learn about the functions of the human body and about leading a healthy lifestyle. They will make predictions and then calculate their average heart rate through physical activity.

Topics Like: Cardiovascular System, Heart Health, Importance of Exercise

8TH GRADE
NEWTON ON ROLLER SKATES

Students will learn that each one of Newton's Three Laws of Motion are present in the skating rink. They will experiment with force and mass and discuss the importance of physics and roller skating.

Topics Like: Physics, Laws of Motion, Inertia

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