

ATTENTION MIDDLE SCHOOL EDUCATORS

STEM

EDUCATIONAL FIELD TRIPS!

**ENGAGE YOUR
MIDDLE SCHOOL STUDENTS**

with 7 EXCITING, HANDS-ON
S.T.E.M. Lessons, designed to align
with YOUR Curriculum!

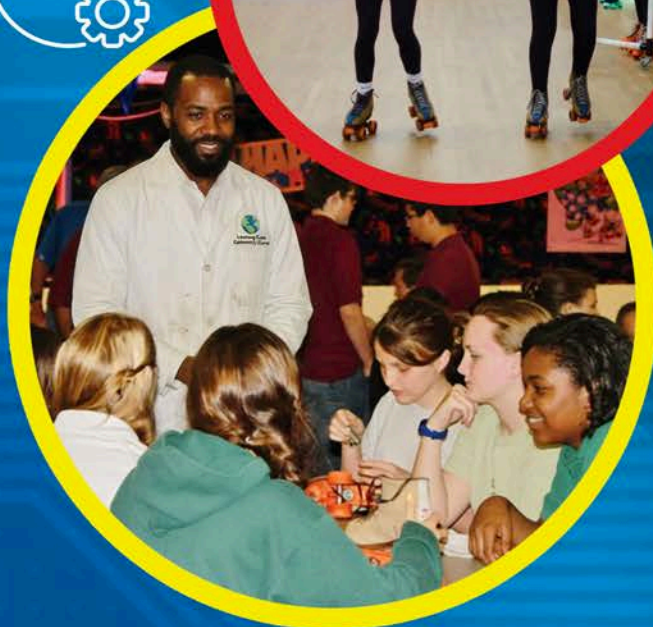
**S.T.E.M.
IN EVERYDAY FUN!**

Students Learn S.T.E.M. concepts
through the Science of Roller Skating!

**CROSS-CURRICULAR
CONNECTIONS**

Combining 1 hour of S.T.E.M.
instruction followed by 2 hours of
Physical Fitness FUN!

5 MILLION+ STUDENTS
HAVE PARTICIPATED
NATIONWIDE
ACROSS 125+ LOCATIONS



RESERVE YOUR SCHOOL TODAY!

www.starlitefamilycenters.com
facebook.com/starlitemcdonough



ALL OF OUR
S.T.E.M.
LESSONS
FOLLOW
STATE-LEVEL
CURRICULUM
STANDARDS



STEM

EDUCATIONAL FIELD TRIPS!

WE OFFER 7 UNIQUE ACTIVITY-BASED MIDDLE SCHOOL STEM LESSONS THAT MATCH WHAT YOU ARE TEACHING IN THE CLASSROOM!

5TH GRADE (OPTION #1)

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

5TH GRADE (OPTION #2)

NEW!

ARCADE STEM

Students will learn about the science, math and engineering of arcade games at the rink. They will measure their reaction time, calculate the probability of simple games and create an electric circuit.

Topics like: Reaction Time, Probability, Engineering Through Game Design, and Electric Circuits

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

7TH GRADE

NEW!

CELLS ON WHEELS: EXPLORING THE CELL MODEL

Students will embark on an imaginative journey to understand the workings of the human cell by comparing it to something similar and fun: a roller skating rink! Through this creative analogy, students gain a clearer and more relatable understanding of cellular functions and the inner working of the roller skating rink.

Topics like: Cell organelle identification, diverse functions organelles perform, and the basic

8TH GRADE (OPTION #1)

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

8TH GRADE (OPTION #2)

NEW!

THE SCIENCE BEHIND ROLLER AND ICE HOCKEY

Students will learn how STEM plays a very large part in sports, specifically roller and ice hockey. They will learn how three different kinds of motion can make a difference in the outcome of the game. They will also learn how roller skates and inline skates used in roller and ice hockey work.

Topics like: Physics, Force, Potential Energy and Motion



Call Today
770-898-0100
to BOOK your
School Today!