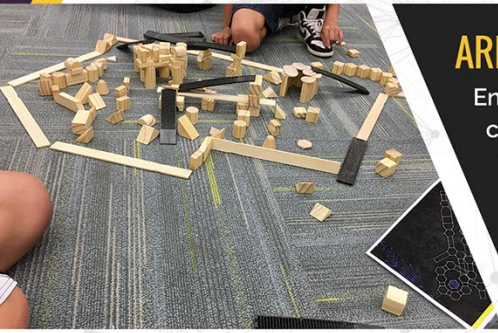


LEARNING WITH LASER TAG PROGRAMS

STEM LASER TAG PROGRAMS BROUGHT TO YOUR SCHOOL

Bring learning to life through educational play for K-8 students as we bring the field trip to you! Our instructors will engage students through a focused STEM concept where they will explore, investigate, and collaborate through project-based learning relating to laser tag technology. Programs focus on hands-on activities that encourage communication and provide take-home projects that reinforce the presented concepts and curriculum to allow for continued discussion in the classroom and at home.



ARENA ENGINEERING GRADES K-8

Engineering is brought to life-size proportions through thoughtful design! Students will collaborate in teams to develop a design idea, then build it through the variety of stages that are part of the engineering design process. Creativity, strategy, and communication are developed through this explorative engineering adventure where students are challenged to create their own life-size laser tag arena! Human-centered design is key as students work together to design, model and build their own 3-d laser tag arena that is safe, fun, and sturdy!

LABYRINTHS & LIGHTS GRADES 2-8

Learn about the history and development of mazes & labyrinths which dates back over 4000 years ago when hedges with beautiful symmetrical patterns were formed. Modern day mazes have taken on a new form through the use of concave and convex mirrors to create a tricky puzzle perfect for laser tag challenges! Harness the power of reflection through real life applications of its science. Test teamwork to tag targets using strategic reflection that trick your mind! Expand knowledge about patterns, shapes, symmetry, and reflection through the development of various mazes and pieces of art that will light up learning!



CRACK THE CODE GRADES K-8

Modern day engineers have a depth of knowledge that allows them to code computers and robots to do exactly what they program them to do. Students will put on their engineering cap as they learn about basic principles of coding and circuitry through a variety of hands-on activities that utilize circuitry, Ozobots, laser tag games, and teamwork to develop a deeper understanding about what coding is along with its real life applications.

TITANIC TREASURES GRADES 2-8

Take a dive into the deep to search for treasures of epic proportion! This treasure hunt will take students into the depths of the ocean to learn about its construction and the science behind how this giant sunk after striking an iceberg. Learn about engines, pressurized steam, and burning coal. Students will build their very own ships and learn about buoyancy through this historic treasure hunt!



ANCIENT ARENAS GRADES K-5

Arenas have been used since ancient times. They were once used as a place to gather gladiators to compete, entertain, and race chariots. Modern times have changed the use of arenas, although they are still used as a forum for entertainment and competition! Human-centered design has always been paramount in design. Imagination, invention, and design will be used as students engineer and compete in their own laser tag arena reimagine a 3-d replica of the Roman Colosseum arena.

LEARNING WITH LASER TAG PROGRAMS

LASER LIGHT ADVENTURE GRADES K-8

What makes the laser tag arena glow and how does the paint look the bright color it appears? Take a glowing adventure that encourages students to think and explore why things glow! Explore a variety of luminescent items like highlighters, paint, and naturally glowing substances and creatures. Engage students in a glowing laser tag adventure where they will search for a variety of illuminated clues, create gooey glowing slime, and explore circuitry as they build and create a glowing Go-bot!



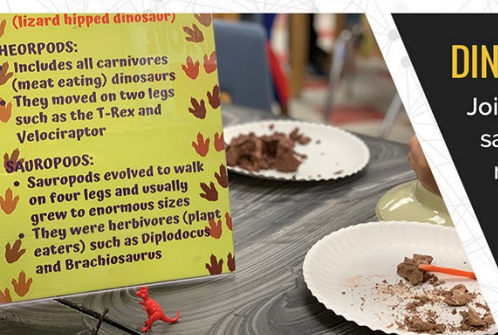
LASER LAND GRADES K-6

Science and theme parks collide during a fun fusion of scientific principals and exciting rides! Students will test and build a variety of amusement rides to learn about motion and principles of physics. Why does a Ferris wheel spin and what makes carousel horses move up and down? Learn about how a fun house mirror makes a person appear short and fat or tall and thin. Inertia and force take hold as students build rollercoasters, and learn about what makes popcorn pop, then test your skills in laser land!



SPACE EXPEDITION GRADES K-6

Have you ever wanted to be an astronaut? Take an adventure into the depths of space and explore mysteries of the unknown. Students will have an out of this world experience as they step into space! Imagine the allure and excitement we'll create about astronomy & space as students learn what it takes to be an astronaut. Students will build their own stomp rocket, learn about astronomy, & take a journey into outer space laser tag.



DINOSAUR SAFARI GRADES K-5

Join the dinosaur safari as students go on a prehistoric hunt! Put on your thinking cap and safari hat as we learn about the different types of dinosaurs that roamed through the lands millions of years ago. Explore what they looked like, what they ate, and how they lived among one another through a variety of interactive challenges. Enhance team communication and sportsmanship as players join together on a dinosaur hunt for knowledge that will leave them excited to learn more about the giant prehistoric creatures of the past.

MARDI GRAS MADNESS GRADES K-6

With the origins of Mardi Gras dating back to medieval Europe, its history is rich! Just as the French-Canadian explorer Jean Baptiste explored Louisiana, students will go back in time to experience Mardi Gras's music, parades, picnics, floats, & food! Learn about the Mardi Gras Krewes as teams create their very own crew of characters and play laser tag in a float den donned with lights, masquerade masks and more!



CELEBRATING COUNTRIES AND CULTURES GRADES K-8

The world is becoming smaller and there are so many beautiful traditions that others use to celebrate their heritage, thanks, and culture! Encourage understanding respect, and amazement about the variety of different traditions and celebrations as well as the similarities behind their messages. Learn about the Winter Solstice, Lunar New Year, and other holiday celebrations that Asia, Africa, Mexico, Europe and the USA share by exploring the festivals of lights and traditional foods, drinks, décor, and principals shared around the world.

LEARNING WITH LASER TAG PROGRAMS

IT'S SNOW WONDER GRADES K-5

An epic snow storm of fun! The science behind snow, freezing, and snowflake symmetry are brought to life through a variety of interactive games, experiments, and tasty creations. Expand knowledge about temperature and measurement conversions through a variety of snowlicious treats. Creativity will snow down on students as they create their own snowflakes, snowballs, and stormy sips! Students will have flurries of fun as they tag with their teams in a blizzard of snow.



FALL REFLECTIONS GRADES K-5

The development of mazes & labyrinths dates back over 4000 years ago when hedges with beautiful symmetrical patterns we formed. Today the premise has evolved into corn mazes with distinguishable patterns from a birds eye view to houses of mirrors with obstacles and curves made of convex and concave mirrors that trick your mind! Explore the history of hedges, corn mazes, and fun house mirrors to create a tricky puzzle perfect for a laser tag challenge! We'll also expand students' knowledge about the history of corn cultivation and the use of scarecrows that dates back over 5000 years ago!

1.5 HOUR LEARNING WITH LASER TAG PROGRAMS

- ✓ Two 25-minute Educational Rotations
- ✓ One Laser Tag Educational Rotation
- ✓ Programs can accommodate up to 120 students per 1.5 hour period and up to 480 students per school day

Requires 1 large area like a gym, MPR, or cafeteria and 2 classrooms

3 HOUR LEARNING WITH LASER TAG PROGRAMS

- ✓ Five 25-minute Educational Rotations
- ✓ One Laser Tag Educational Rotation
- ✓ Programs can accommodate up to 240 students at one time and up to 480 students per school day

Requires 1 large area like a gym, MPR, or cafeteria and 5 classrooms.

DISCOUNTS AVAILABLE FOR MULTI-SESSION OR MULTI-DAY PROGRAMS.

480.545.5500
STRATUMHQ.COM