SUMMER FIELD TRIP GUIDE 2024

STEAM EDUCATION FOR THE 21st CENTURY

EDUCATOR GUIDE

About Challenge Island

#1 in STEAM Education!

What is Challenge Island?
It's where engineering meets imagination!
It's a one-of-a-kind program on the cutting edge of S.T.E.A.M Education.

21 st CENTURY SKILLS

We foster the fundamental skills kids need to thrive today &tomorrow including creativity, collaboration, communication, flexibility and leadership.

SOCIAL EMOTIONAL LEARNING

We encourage the social & emotional intelligence children need to form healthy relationships & make positive choices.

Why?

PROJECT BASED LEARNING

Kids engage in inquiry-based, collaborative, student driven learning grounded in real world connections while problem solving.

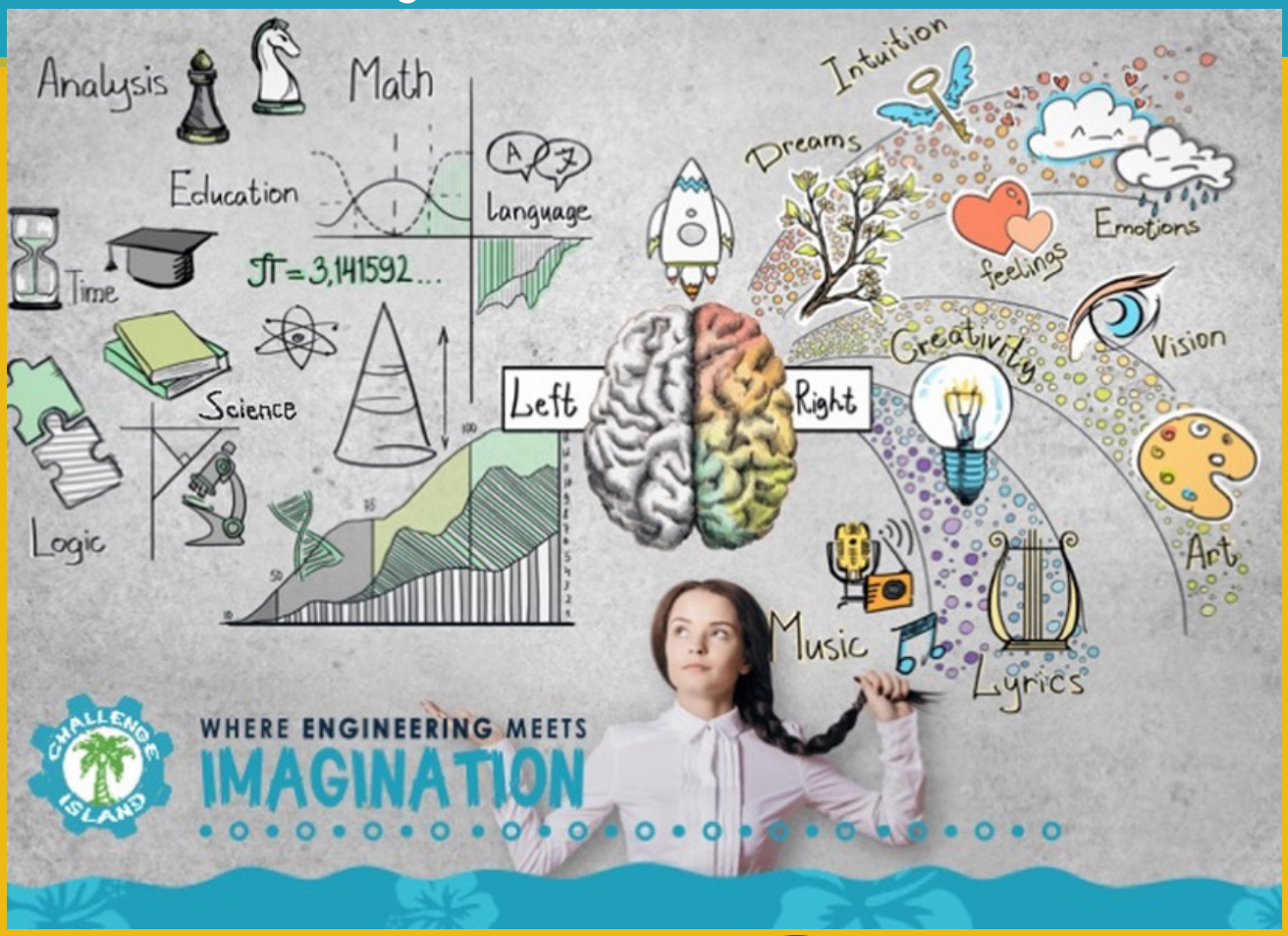
HIGHER LEVEL THINKING SKILLS

Our field trips promote deep, analytical & critical thinking abilities in kids which help ensure their long-term academic and professional success.

How?

Educators choose a cross-curricular theme based challenge for their students. Students will experience an unforgettable adventure while having STEAM-tastic fun!

Challenge Island supports whole brain development with their STEAM programs while enriching kids with an "I CAN" attitude.



I CAN generate & compare multiple possible solutions to a problem

I CAN plan & carry out fair tests to identify how a model can be improved.

I CAN design a solution to a complex real-world problem through engineering.

I CAN analyze data from tests among several design solutions & combine them into a new solution.

I CAN plan a solution to a problem by drawing & creating a model.

Field Trip Pricing & Offerings

All Field Trips:

ACTIVITY:

Choice of 1
STEAMtastic challenge

COST:

$300 for up to 30 students
$9.50 each additional kid
(minimum cost of $300 per field trip)

DURATION:

1 hour if at your campus
1.5 hour if at our Center
(due to buses and transportation)

Where?

OUTREACH at your CAMPUS

All students together engaging in field trip at same time.

OR

Challenge Island Center (Come to us)

All summer field trips at our center begin at 1:30pm due to our morning summer camps.

*Maxiumun 80 students can be accommodated at our lab.

**Interested in weekly Challenge Island programming for your campers? Contact us and we can discuss options.

DESCRIPTION OF ACTIVITIES

Rising Kindergardeners (4-5 year olds)

ZIPLINE ZONE

Students will design, build & test a zip line that transports a self-made device all while exploring Newton's Laws. Will distance, height & weight make a difference? Budding engineers want to know!

ANTARCTIC ICEBERGS & TOBOGGANS

Students will build toboggans and learn about friction, momentum and speed all while exploring the life of penguins in Antarctica. Will their toboggans stay on track or hit an iceberg? Find out in this fun activity.

BEACH COASTERS

Students will design an entire amusement park ride using railway paper "tracks". How will the power of potential and kinetic energy, gravity and momentum impact their ride? It will be a thrill to find out!

ROCKIN' ROLLER COASTERS

Students will let their marbles fly in this amazing engineering challenge. Space will be needed as students construct hills, curves and loops while exploring physics & velocity. Where will the marble travel? The possibilities are endless!

MONKEY PLAYGROUNDS

Students will build model playgrounds using simple machines such as levers and inclined planes. There's much excitement and creativity in this challenge as students innovate, invent, experiment and collaborate!

BLOWCART FUN

Students will design & build a blow cart that can go the distance while studying wind power energy. Will sail size and shape and wheel placement make a difference? Students will get blown away finding out!

Descriptions of Activities

Rising 1st graders + above

STAR MOUNTAIN

Students will simulate the pull of gravity as they create swirling wormholes, drops, tunnels and chutes! What will their enclosed indoor ride look like? Where will the marble end up? Future engineers will want to know!

ROCKIN' ROLLER COASTERS

Students will let their marbles fly in this amazing engineering challenge. Space will be needed as students construct hills, curves and loops while exploring physics & velocity. Where will the marble travel? The possibilities are endless!

NATURAL DISASTERS - MT VESUVIUS

Students will design and build houses that can survive lava damage by implementing sloping roofs & stilts. Then, students will construct an eruptive volcano. Will the "lava" destroy what they built? It's going to be explosively fun to find out!

BLOW CART FUN

Students will design & build a blow cart that can go the distance while studying wind power energy. Will sail size and shape and wheel placement make a difference? Students will get blown away finding out!

SUSPENSION BRIDGES

Students will take on structural and civil engineering as they design a model suspension bridge. Can the bridge sustain a possible earthquake? How much weight can it support? How long will it span? This challenge is sure to be a long stretch of enjoyment!

TREEHOUSES

Students will build model treehouses using simple machines such as levers & inclined planes. There's much excitement and creativity in this challenge as students innovate, invent, experiment and collaborate!

Descriptions of Activities

Rising 1st graders + above

FOOTBALL MANIA

Students will design and build launchers using ingenuity & soda cans while learning about sports science and physics. Will your contraption "throw" an accurate pass? Will you "score?" Find out in this exciting challenge!

AFRICAN SAFARI RIDE

Students will design and build a safari course for their "tourists" while implementing the use of gravity! Will they run into a savanna, wetland, or jungle habitat? This challenge is sure to be an adventurous wild ride!

EIFFEL TOWER

Students will study structural engineering while designing tall towers. What type of foundation and supports will they implement? Will they need cross braces and columns? Future engineers will find out!

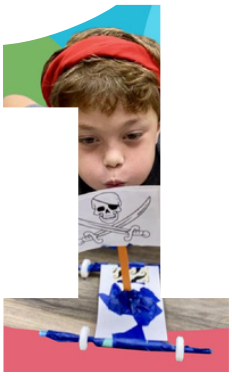
PUTT PUTT GOLF

Students will design and build a mini golf course with holes, traps and obstacles. Fun will soar as they implement scientific methods and play at that same time! Who knows, they may get a hole in one!

Looking for something different?

Do you have a specific theme you are looking for? We can also create customized field trip activities to meet your thematic needs. Just ask us!

How to Book



Fill out a **SUMMER** Field Trip Request Form

We will confirm date & send contract. Signed contract means you're on our calendar.

Confirmation email sent one week prior to event. Please CONFIRM student count one week prior.

Payment due on day of event.
(Invoice sent when contract is signed)

Frequently Asked Questions

How do I reserve a date for a field trip? Date may be selected on our Field Trip request form or by email. Based on availability, we will confirm your date by email or phone.

Is a deposit required for the field trip(s)? No. A signed contract is confirmation of your event with us.

When do I need to provide a final student head count? One week prior to your event, we will ask for a final student head count. This allows us to prepare for the best STEAMtastic event.

When is the balance due? Balance in full may be paid on or before the scheduled event. An invoice will be emailed?

Is there a late payment fee? Yes. Payments made 15 days AFTER the scheduled event will incur a 10% (of total balance) fee.

Can I get a refund for students who do not attend? No. We provide materials and set up according to the number of students confirmed one week prior to your field trip.

What happens if we are running late? Please let us know as soon as you are aware of any issues the day of your field trip that will cause your group to be late. Depending on our schedule and/or how late your group arrives, programs may need to be modified to fit the allotted timeframe. If we need to increase the scheduled time period due to a late arrival, an additional fee may be charged.

Can we eat lunch at your facility? Yes, you may bring sack lunches and stay for an additional 30 minutes after your program for an additional fee.

Do we need to bring anything? Students may bring their own water bottles. Please note, our facility only has sink water. We do not have a water fountain. Other than water, we will supply everything needed for a STEAMtastic program!

Do you have food for purchase? Yes, advance notice is required. We can offer:
Pizza: Large Cheese Pizza – $25 each & Large Pepperoni Pizza – $30 each.
Boxed Lunches: $10/child (sandwich, chips and drink)
Water Bottles: $1/child

Are chaperones required? We suggest 1 chaperone for every 10 kids.

What is the maximum number of students you can accommodate at your facility? We can fit approximately 100 – 120 students depending on chosen activity.

Where can we park when we arrive? Buses can drop students off in front of the building. Large buses should park on the Davenport street.

OTHER PROGRAM OFFERINGS:

BIRTHDAY PARTIES

CAMPS

Scouting

FAMILY/ SCIENCE NIGHTS

ENRICHMENT CLASSES

STEAM EDUCATION FOR THE 21st CENTURY

What People Are Saying?

They have a wide variety of activities that can meet tons of different standards. Highly recommend!
Lead teacher

"Challenge Island curriculum is inspired and allows participants to explore, create and achieve remarkable things!"
Camp Director

"A Challenge Island field trip is like watching budding engineers shine! The program is amazing!"
Teacher

"Challenge Island is on the front lines of STEAM education!"
Teacher

"The children absolutely love Challenge Island! One of them even said "I'll never forget this!"
Teacher

"It's a great program! Hands-on, high-interest! A must experience for all kids!"
Parent

CONTACT US

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