



WHERE **ENGINEERING** MEETS
IMAGINATION





What is Challenge Island?

STEAM EDUCATION FOR THE
21st CENTURY





S.T.E.A.M. Education

S.T.E.A.M is **HOT** and Challenge Island is pure **STEAM!**



Science: Chemistry, physical science, earth science, and life sciences are incorporated into our challenges in our trademark child-friendly ways.



Technology: Challenge Island requires kids to use their innate creativity and analytical skills to develop a workable solution to a problem.



Engineering: The Challenge Island Totem Pole is the backbone of each lesson and is actually the engineering process in action!



Art: Challenge Island is as much about Function as it is about Form. Many of our challenges include an artistic component using art supplies and recycled materials.



Math: Every Challenge Island lesson incorporates one or more math concepts, such as estimating, weighing, measuring, counting, geometry, and time.





The Tribes Model

The purpose of the Challenge Island Tribes model is to assure the healthy development of every child so that each one has the knowledge, skills and resiliency to be successful in a rapidly changing world.



While working in Challenge Island Tribes, children:

- ⚙️ *Feel included and appreciated by peers and teachers.*
- ⚙️ Are respected for their different abilities, cultures, gender, interests and dreams.
- ⚙️ *Are Actively Involved in their own learning.*
- ⚙️ Recognize and embrace their own gifts as well as the gifts of others.
- ⚙️ *Have Positive Expectations from themselves and others that they will succeed.*





21st Century Skills

Challenge Island considers the needs of both the creative, playful child of today and the globally successful adult of the future. The essential 21st century skills we build include:

⚙️ **Communication**

⚙️ **Collaboration**

⚙️ **Critical Thinking**

⚙️ **Creativity**

⚙️ **Flexibility**

⚙️ **Sociability**

⚙️ **Initiative**

⚙️ **Leadership**

⚙️ **Perseverance/Grit**

⚙️ **Public Speaking**





Cross Curricular Islands

Our array of proprietary island themes are each cross-curricular by design.

ELA – Science – **Math** – History – Social Studies – Engineering –
Arts – Geography – Technology – Socio-Emotional – **21st C. Skills**

Example: Parthenon Party Palace[®] from Mythology Island

- ✦ Tribes hear the Greek myth of the goddess Athena (*English-Language Arts*)
- ✦ Tribes learn about what ancient life was like in her namesake city of Athens, Greece (*Social Studies, History, Geography*)
- ✦ Tribes explore the architectural structure of the Parthenon and build a life-size tribal Parthenon of their own (*Physics, Technology, Engineering, and Math*)
- ✦ Tribes creatively decorate with their names written in Greek letters or with a frieze that tells a story like the one on the original classic Greek structure (*Art*)
- ✦ Each tribe has a chance to show off their unique creation to the rest of the class (*Communication, Public Speaking*)



Mythology Island is one of many different thematic islands we offer. Each island is made up of 8 to 14 unique weekly lessons centered around the common cross-curricular theme.

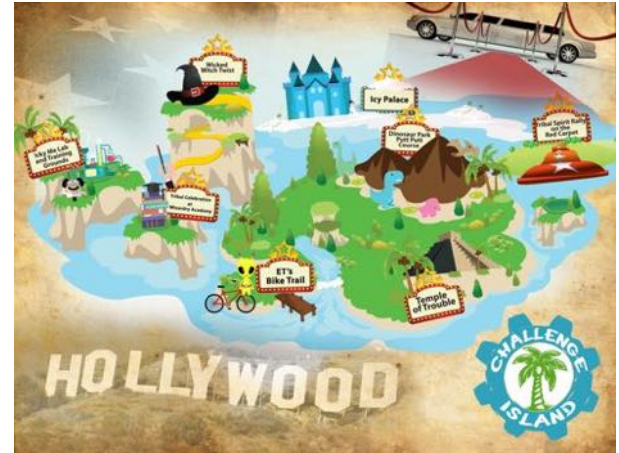


The **Purple Athenas** built a tribal Parthenon modeled after the Ancient Greek original. Their poster says "I am the Goddess of Wisdom!" Notice they have written their name in Greek letters. They will visit a different destination on the island each week.



A Few Sample CI ISLANDS

Hollywood Island: Roll out the red carpet for the Academy-Award-worthy Hollywood Island! Our STEMtastic tribes will take on challenges at star-studded destinations including Wicked Witch Twist, Wizardry Academy, and Dinosaur Park. Hollywood Island promises to be a Blockbuster hit so be sure to get your seat soon!



Time Machine Island: This session's challenges will take place on the action-packed Time Machine Island! You and your tribe will build a time machine to take you to historical destinations like Gold Rush Mountain, Pyramid Peak, and Pinball Wizard Way. This incredible island is sure to be a hit so sign up before your spot is history.



Rainforest Island: Grab your survival gear for an Amazonian adventure on Rainforest Island. You and a tribeful of friends will take on a jungle of challenges at breathtaking destinations like Jaguar's Claw, Monkey Swings, and Anaconda Squeeze. This not-to-be missed island is sure to sell out fast so save your spot in the Rainforest today.



Introducing our Newest Island...





School Programs

Afterschool Enrichment Classes

When kids enter the **Challenge Island classroom**, they are transported to a learning environment worlds away from the regular school experience. The ambience feels **positively party-like** as our adventurous tribes tackle **high-level thinking challenges at whimsical weekly destinations** like *Anaconda Squeeze* ([Rainforest Island](#)), *Minotaur's Labyrinth* ([Mythology Island](#)) and *Wicked Witch Twist* ([Hollywood Island](#)). Kids count down the seconds until Challenge Island day rolls around! Each of our Thematic Island Units contains 8 to 14 hour-long weekly lessons.





School Programs

Challenge Island Junior

At Challenge Island we believe that you are never too young to start imagining, creating and thinking big! Our Challenge Island Jr. programs scale down our regular challenges to a level just right for Pre-K and K.

S.T.E.A.M. Challenge Island introduces preschoolers to the wonders of science, the thrill of engineering and joy of creative thinking. Because our signature challenges are **Child-Driven**, they naturally adapt to each child and tribe's developmental level.

21st Century Skills At Challenge Island, we are dedicated to ensuring a brighter future for our kids and our communities by helping you prepare even the littlest students to succeed in the 21st century.

The Island Spirit Preschoolers thrill to our signature Island spirit. The music, the whimsy, the journeys to fantastical islands are so exciting to them that they hardly notice all the meaty academic and life skills they are acquiring in the process. From Rainforest Island to Amusement Park Island to all the stops in between, our littlest CI natives soak up all the sun and learning of the Challenge Island Experience.





School Programs

In-School Workshops & Outsourced STEAM Curriculum

Challenge Island offers high interest **STEM** and **STEAM** in-school field trips that uniquely intertwine **ELA, Math, Science** and **Social Studies** concepts into one action packed experience for students! What's more our programming builds **21st century skills** including problem solving, collaboration and flexible thinking capabilities. We help educators pick the perfect challenge to meet the specific standards and goals they want to address in their classrooms and schools. And if you are looking for year-round STEAM programming, our vast array of topics and broad age range makes us an ideal outsourcing option.



Gravity: Egg Drop Cliffs, Roller Coaster Beach, Roller Coaster Ridge, Slowler Coaster, Anaconda Squeeze, Marshmallow Blast Mountain

Life Science: Jaguar's Claw, Monkey Swings, Anaconda Squeeze, Dinosaur Park

Energy: Blow Cart Beach, Roller Coaster Ridge, Roller Coaster Cliffs, Slowler Coaster, Catapult Cove, Pinball Wizard, Poseidon's Fury, Marshmallow Blast Mountain

Engineering: Treetop Towers, Great White Bridges, Tinfoil Falls, Earthquake Valley, Anaconda Squeeze, Pyramid Peak, Parthenon Party Place, Minotaur's Labyrinth, Poseidon's Fury

History/Social Studies: Mayflower Harbor, Roller Coaster Beach, Pyramid Peak, Pinball Wizard, Gold Rush Mountain, Parthenon Party Place, Minotaur's Labyrinth

ELA/Greek Mythology: Medusa's Pet Rock, Parthenon Party Palace, Minotaur's Labyrinth, Poseidon's Fury

Momentum: Roller Coaster Ridge, Roller Coaster Cliff, Slowler Coaster, Roller Coaster Beach

Elasticity: Catapult Cove, Pinball Wizard, Marshmallow Blast Mountain, Minion Lab

Friction: Slowler Coaster, Roller Coaster Ridge, Blow Cart Beach

Measurement: Treetop Towers, Great White Bridges, Roller Coaster Cliff, Rocket Heights, Catapult Cove, Earthquake Valley, Marshmallow Blast Mountain, Pyramid Peak

Buoyancy: Tinfoil Falls, Mayflower Harbor, Poseidon's Fury

Simple Machines: Medusa's Pet Rock, Catapult Cove, Monkey Swings

Velocity: Roller Coaster Ridge, Roller Coaster Cliff, Rocket Heights, Catapult Cove, Pinball Wizard, Minotaur's Labyrinth

Adaptations: Monkey Swings

Wind Power: Blow Cart Beach, Mayflower Harbor, Wicked Witch Twist

Force: Great White Bridges, Rocket Heights, Poseidon's Fury

Air Resistance: Egg Drop Cliffs, Rocket Heights, Blow Cart Beach

Food Chain: Jaguar's Claw

Time Keeping: Slowler Coaster, Anaconda Squeeze, Poseidon's Fury, Mayflower Harbor

Earth Science: Extreme Eruption Point, Earthquake Alley





School Programs

Family STEM Wars Nights

Challenge Island is not just for kids! Our multi-generational **STEM Wars** events are a perfect Family Night Out activity for your school community! This unique Challenge Island program **brings families together** as a unified tribe. Together they take on some of our most popular STEAM challenges centered around **fun, family-friendly themes**. Hosting a Challenge Island STEM Wars night helps **promote parent involvement** in your school while getting parents **actively engaged** in their children's learning (both of which are proven to have a strong positive influence on student success). And did we mention all the fabulous **family bonding** that takes place along the way? Challenge Island STEM Wars promises to be a Family Night Out your students and parents will never forget.





Testimonials

- ❁ "The Challenge Island program does a fantastic job of preparing children for today's complex problem-based learning style. It is the perfect complement to our school's STEM-based curriculum. As a scientist, I see the need for this kind of cooperative, challenge-based type of training every day. CI makes it fun for kids and parents know that their children are learning valuable life skills along the way."
Jennifer R. - Professional Scientist, Shallowford Falls Elementary Foundation STEM Chairman, Challenge Island Parent
- ❁ "My daughter participated in Challenge Island this past semester and I have to say that it has taken learning and fun to a new level. Over Tuesday night dinners, the Challenge Island activities are the topic of conversation from my 6 year old. Her interest in the combination of science, math and history is especially encouraging to see as we know from the data that we have to do more to encourage girls' interest in these subject matters. I am a very strong believer in the power and importance of Challenge Island."
Heidi G. - Challenge Island Parent, Sope Creek Elementary
- ❁ "It's hard to imagine a more exciting, complete program. Every single lesson I see children's imaginations awakened and their confidence reinforced. Challenge island allows the children all the freedom they crave to collaborate and create. It's about design, construction and making something work and the huge satisfaction that comes from being completely involved in the creation of something original. The kids absolutely love it!"
Lorna B. - Challenge Island teacher (30 years classroom experience)
- ❁ "Challenge Island has a magic formula. My 10 year old son has attended many other camps and has never been as excited about any of them as he was about his Challenge Island camp. I don't know how they do it but I do know their formula works, like nothing I've ever seen before."
Marcus S. - Challenge Island Wizardry Camp Parent
- ❁ "Challenge Island is like a pied piper at our school. Students sign up for it in droves and keep coming back year after year for more."
Stan Beiner, - Headmaster Epstein School Solomon Schechter
- ❁ "Challenge Island is the highlight of my two sons' week. They count down the days until they get to go back. I've had to change appointments because my boys refused to miss Challenge Island. As a first great teacher at their school, I also appreciate the many benefits my students gain from Challenge Island. My kids and my students absolutely love this program."
Staci C. - Challenge Island Parent, First Grade Teacher, Timber Ridge Elementary
- ❁ "I enjoy teaching the Challenge Island classes because the lessons are so fun, creative and interactive. I get a great feeling of joy when I see how happy students are when they accomplish a task for the day. The music and freedom to move around the room to work together add to the excitement of the class. I feel privileged to be a part of this incredible program!"
Shayna Peiken, - Challenge Island Teacher
- ❁ "I picked up my daughter from a birthday party and when I walked up, two other moms were talking about how impressed they were with Challenge Island and how excited they were that their first graders were learning and retaining information about mummies, pyramids, and the Great Depression (Time Machine Island). Yesterday, my first and second graders came home talking about the runaway mine train they built and told me all about the 1849 Gold Rush. My take away has been that in a short amount of time they are able to press a history lesson with a group project and create an engaging/impactful experience. It's no wonder this program is in such high demand at every school."
Regina - Parent, Sope Creek Elementary



Learn more about Challenge Island

- ⚙ Visit our website at www.challenge-island.com
- ⚙ Watch a video about Challenge Island at <https://youtu.be/9bWIHzHkydI>
- ⚙ See a Challenge Island class in action at https://youtu.be/8q_vPRUX8hI
- ⚙ Email us at info@challenge-island.com

