

Set sail for **FUN** and **DISCOVERY**



Now enrolling for
AFTERSCHOOL



WHERE **ENGINEERING** MEETS
IMAGINATION



Wayne P.A.L.
Grades: 1st to 6th
Day: Mondays
Time: 4:00-5:00pm

Dates: May 7, 14, 21 and
June 4, 11, 18 2018
Cost: \$120 (\$20/session)

What is Challenge Island? Challenge Island® is where engineering meets imagination! It's a one of a kind enrichment program on the cutting edge of S.T.E.A.M (Science, Technology, Engineering, Art and Math) Education and 21st Century Learning. Each semester of Challenge Island takes place on a unique thematic island where our adventurous tribes tackle high-level thinking and engineering challenges at whimsical weekly destinations. During the Challenge Island experience, the students visit "Islands" and work together in "Tribes" to complete Challenges that demonstrate one or more STEAM concepts. The hands-on opportunities made available in Challenge Island ignite curiosity and spark learning by letting the students experiment in real-world situations.



This Session's Island World Tour: Pack your suitcases for Challenge Island's All New World Tour! You and a tribe of friends will engineer your way around the globe - from the Eiffel Tower to the Sydney Harbor Bridge to Rio de Janeiro to Tel Aviv. Each challenge will bring you to a different geographical destination and provide a special CI taste of the local flavor there. Please join us for this not to be missed Challenge Island global adventure!

(see back for more information)

www.challenge-island.com

SUMMER PROGRAMS

BIRTHDAY PARTIES

IN-SCHOOL FIELD TRIPS

- ⇒ **Destination 1: *Hot Air Balloon Lift-Off*** - learn about the classic book “Around the World in 80 Days. And learn about how hot air balloons fly.
- ⇒ **Destination 2: *Paris France – Eiffel Tower*** - learn about the history and architecture of the Eiffel Tower and use the engineering process to build the tallest Eiffel Tower they can that can stand on its own.
- ⇒ **Destination 3: *Antarctica Iceberg*** - learn about the climate and natural habitats of Antarctica; learn about the physical and behavioral adaptations that help penguins stay warm in the frigid climate; make toboggan designs that decrease run times by reducing friction and maximizing velocity
- ⇒ **Destination 4: *Rio de Janeiro, Maracana Stadium*** - take an imaginary trip to Rio de Janeiro to play world cup football by designing a foosball game.
- ⇒ **Destination 5: *Tel Aviv Water Pipeline*** - learn about the dry climate and lack of rainfall in Israel and the need to create technology that can bring water to the people there ; create a working water pipeline to bring water from the “Sea of Galilee” to a swimming pool.
- ⇒ **Destination 6: *Sydney Harbor Bridge – Australia*** - apply the steps in the engineering process to design and build a bridge over Sydney Harbor



Register online at www.challenge-island.com/essex-passaic/.

Click Register Now

Challenge Island Essex-Passaic

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