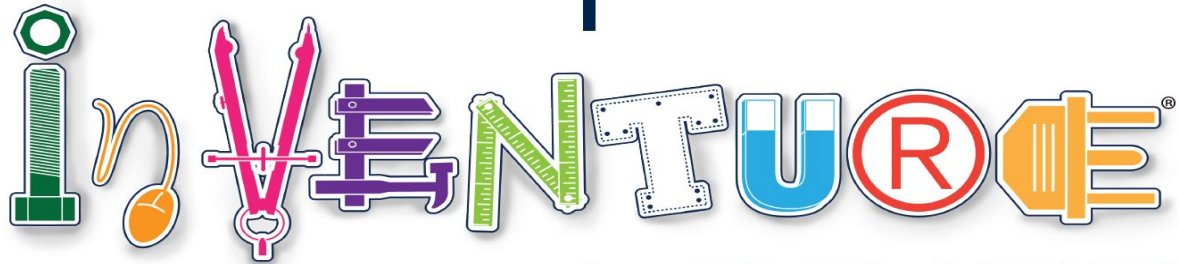


WELCOME TO

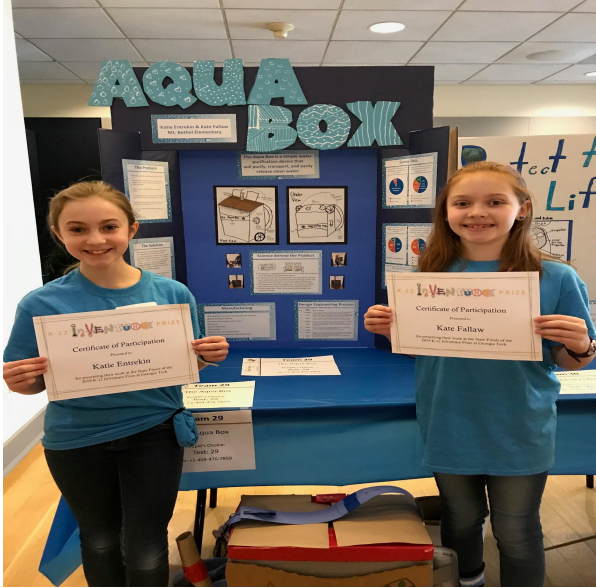
K-12



INVENTURE[®]

PRIZE

What is K-12 InVenture Prize?



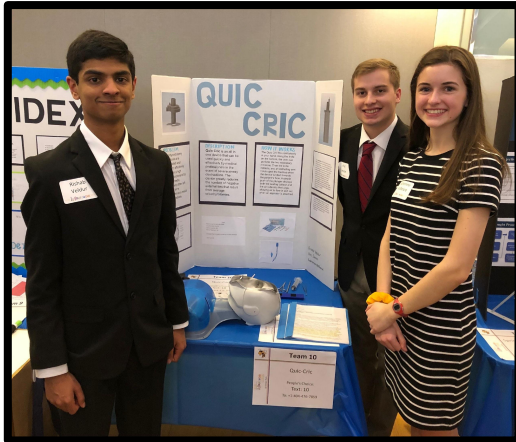
<https://vimeo.com/526279042/92894f880d>

The K-12 InVenture Prize was piloted in 2012 and is an extension of Georgia Tech's annual InVenture Prize.

The program challenges K-12 students to identify real-world problems and create novel solutions through analysis, authentic research, design thinking, and presenting in local school competitions.

Our Mission

To create the next generation of engineers and entrepreneurs by making invention education accessible to all students and teachers in Georgia.



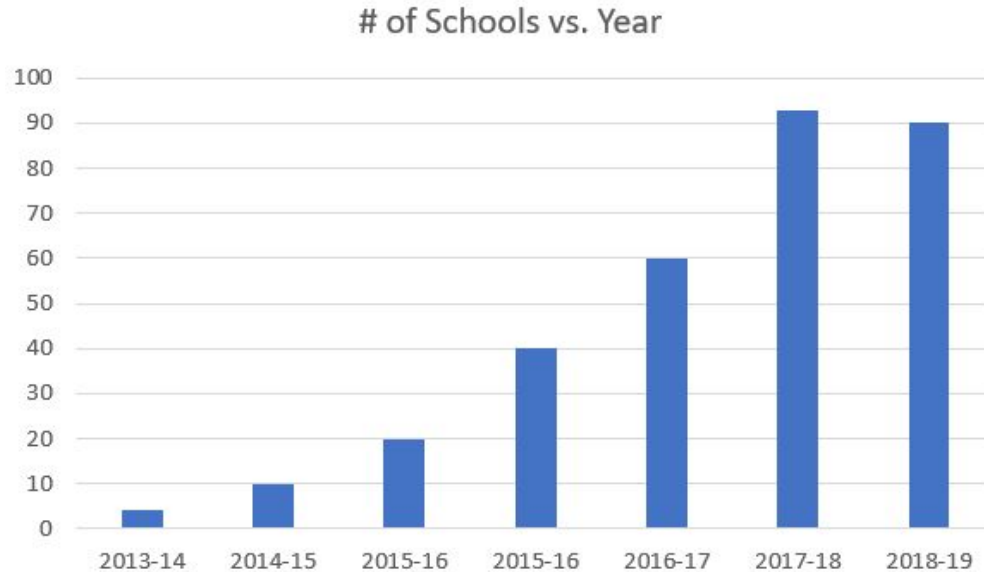
Design Thinking

Design is our future. Have you heard that phrase before? People are writing books about it, TED is talking about it, and innovation consultancy IDEO is banking on it. Design helps innovators dream big, while dreaming big on something that people really need. So why should you care? Because our kids are our future, just like design, and if they're better prepared for the modern world, the modern world will get better.



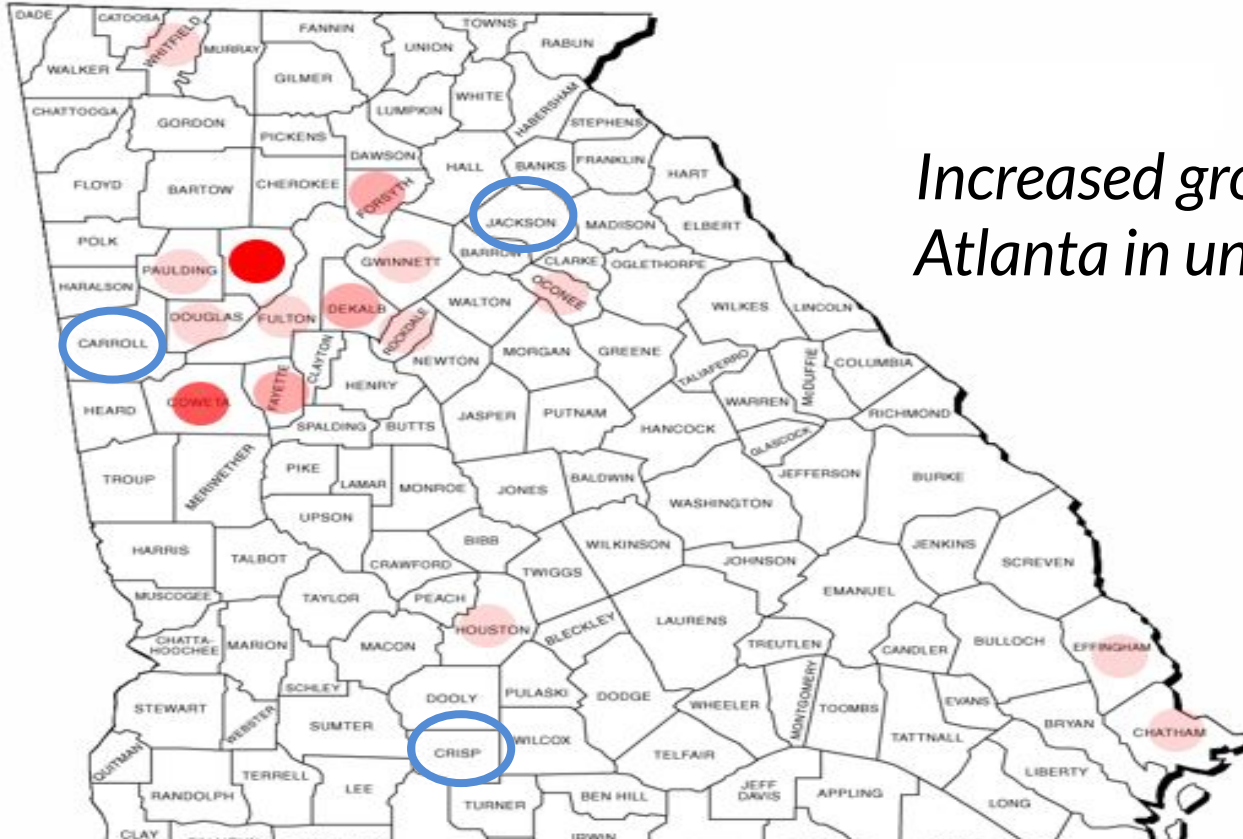
Meeting the Mission

Growth of K-12 InVenture Participants

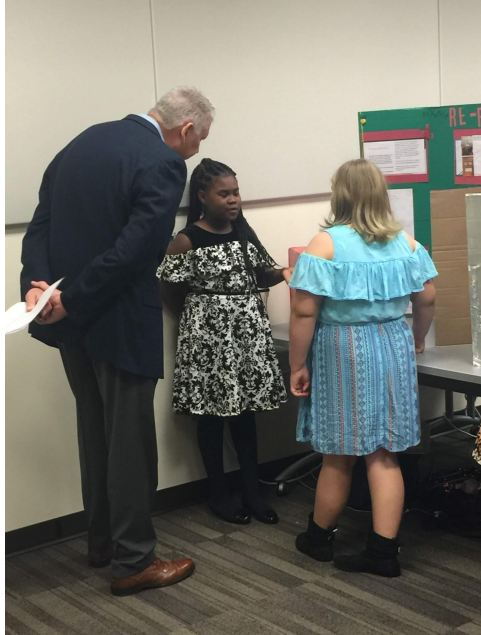
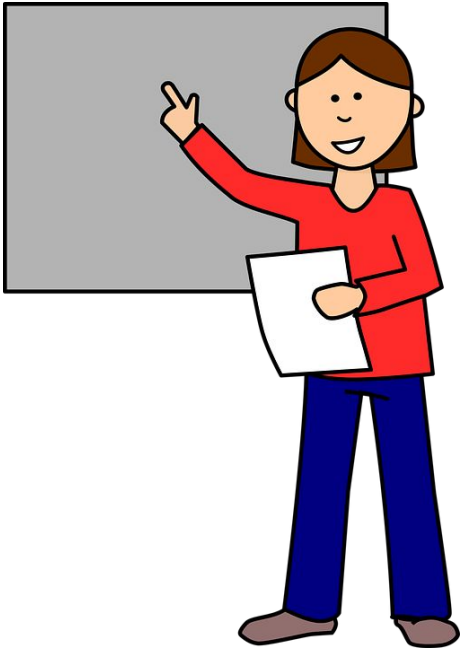
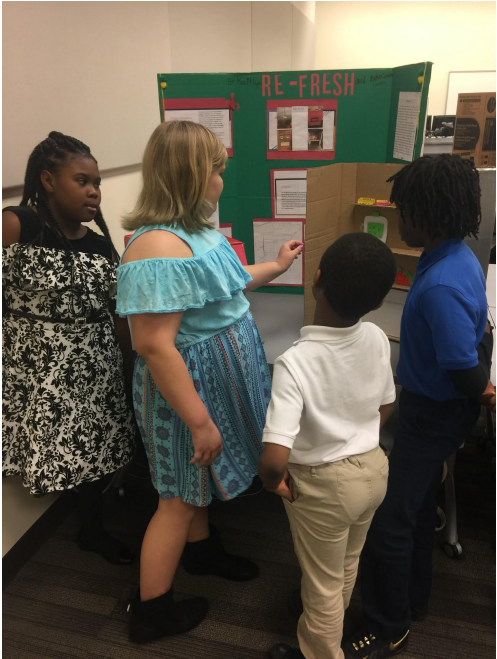


Growth Data: 2019-2020 Participation by District

Increased growth outside Metro Atlanta in underserved areas.



Classroom Benefits of InVenture Prize



Pros

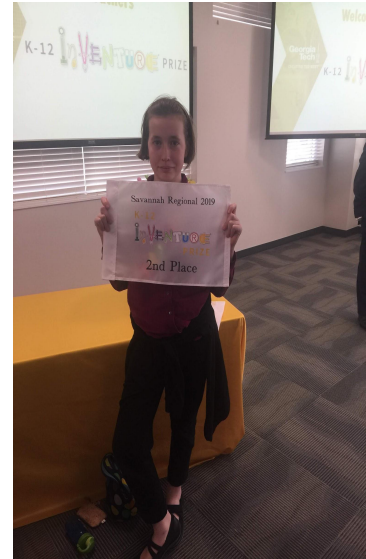
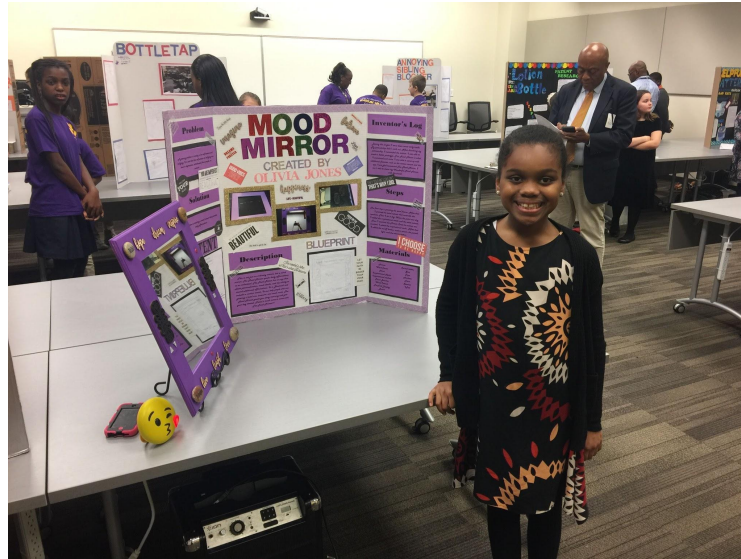
- Student Centered
- Flexibility
- Standards based
- Hands on
- Essentials of entrepreneurship

Cons

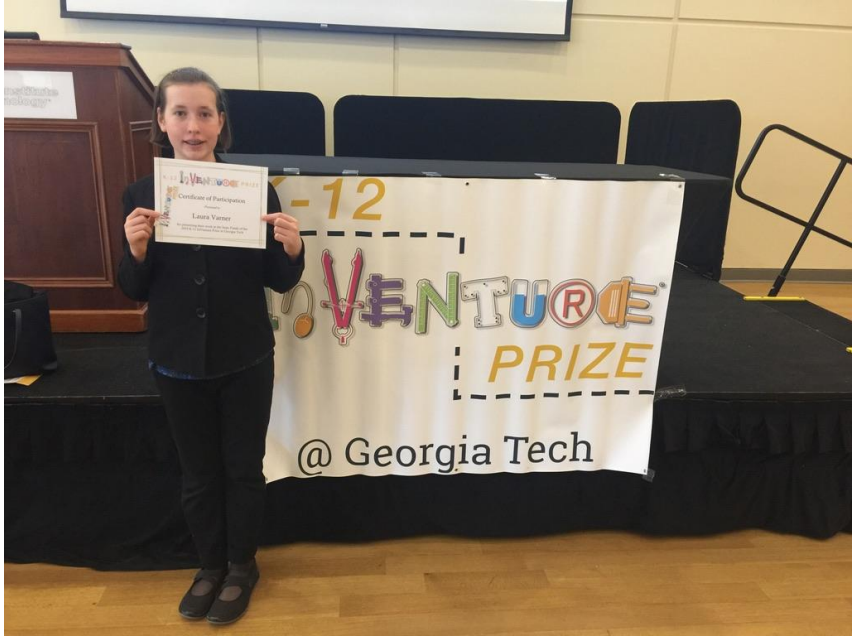
- Time
- Team formation
- Generating ideas
- FEAR that the idea has already been developed

Benefits

- Free standards based curriculum
- Easy implementation
- Student centered
- Project based
- Increased student motivation
- Solve real world problems
- Think creatively



Competition Day



K-12 InVenture Prize - State Competition

The top K-12 InVenture teams compete for a variety of awards and prizes at Georgia Tech and may earn the opportunity to present their idea at the Henry Ford Center.



Nationals at the Henry Ford Museum



2019:

- 500 students from 33 states, China, Mexico and Singapore
- Access to Henry Ford Museum and Greenfield Village
- Interaction among inventors, Henry Ford staff, media & guest speakers
- Georgia sent 9 teams in 2019 and earned 8 awards

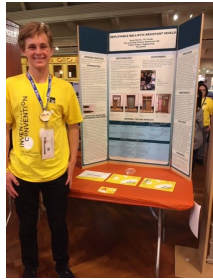


2019 National Invention Convention Awards



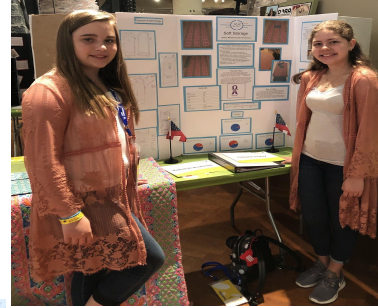
Team: Scandicapped
School: Cheatham Hill ES
Students: Cooper Dyson,
Anna Gareau, Claire
Kinnaman

**2nd Place 5th Grade
President's Choice Award**
*Preventing illegal parking
handicapped spots.*



Team: Deployable
Ballistic-Resistant Shield
School: Harrison HS
Student: Noah Martin

**1st Place 10th Grade
Safety and Home Award**
Bullet-proof door for



Team: Soft Storage
School: Booth MS
Student: Rebekah
Bushmire, Isabella Hickey

**Award: Household
Organization and
Appliances Industry
Innovation Award**
*A sleeping bag with 2
compartments for clothing
and shoes*

Students: Eric Simon,
Rishab Veldur,
Katherine McNeice

**2nd Place 11th Grade
Patent Award**

*An all-in-one medical
device used to insert an
artificial airway to allow
respiration for patients
with severe airway*



Team: Mouthwash Pods
Through Spherification
School: Atlanta International
School
Students: Katie Bender,
Carolyn Lee

3rd place in the 10th grade
Created a method to eliminate



K-12 InVenture Prize Team

Roxanne A. Moore, Ph.D

Latrisha Dukes

Savannah/ Coastal Georgia Teacher and InVenture Consultant

Danyelle Larkin

Educational Outreach Manager

Nancy Ernstes

Cobb County Retired Teacher and InVenture Consultant

Love Park

Educational Outreach Coordinator

Julia Varnedoe

Cobb County Gifted Teacher and InVenture Consultant

Jasmine Patel

Research Associate I

Have Questions? k12inventure@gatech.edu