



edventures!™



EXPERTS IN
HANDS-ON
STEM EDUCATION



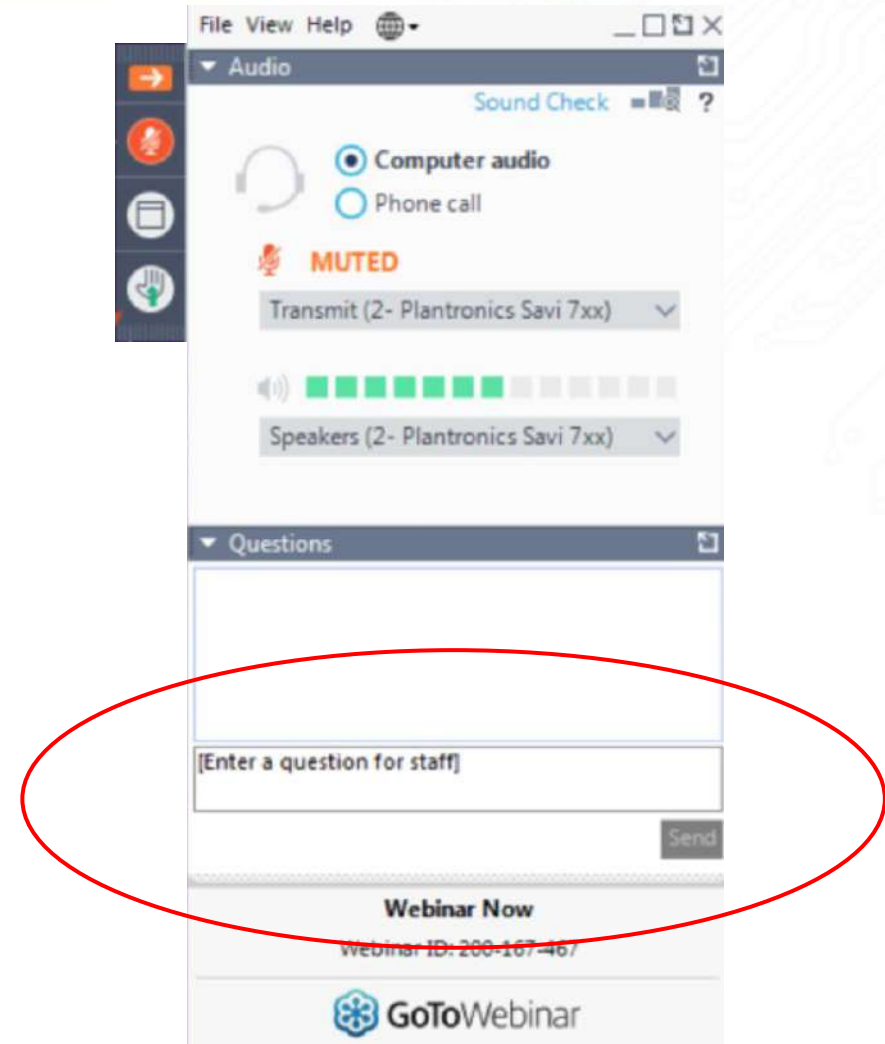
DISCOVER:

The World of
Robotics,
Physics and
Engineering

Use the Questions panel to answer the following:

- What is your name?
- What are you doing this summer?

Throughout the presentation, send us your questions!



Guest Panel



Grant Hathaway

Director
Geeko Labs



Michelle Fisher

Director of STEM Development
PCS Edventures

Agenda

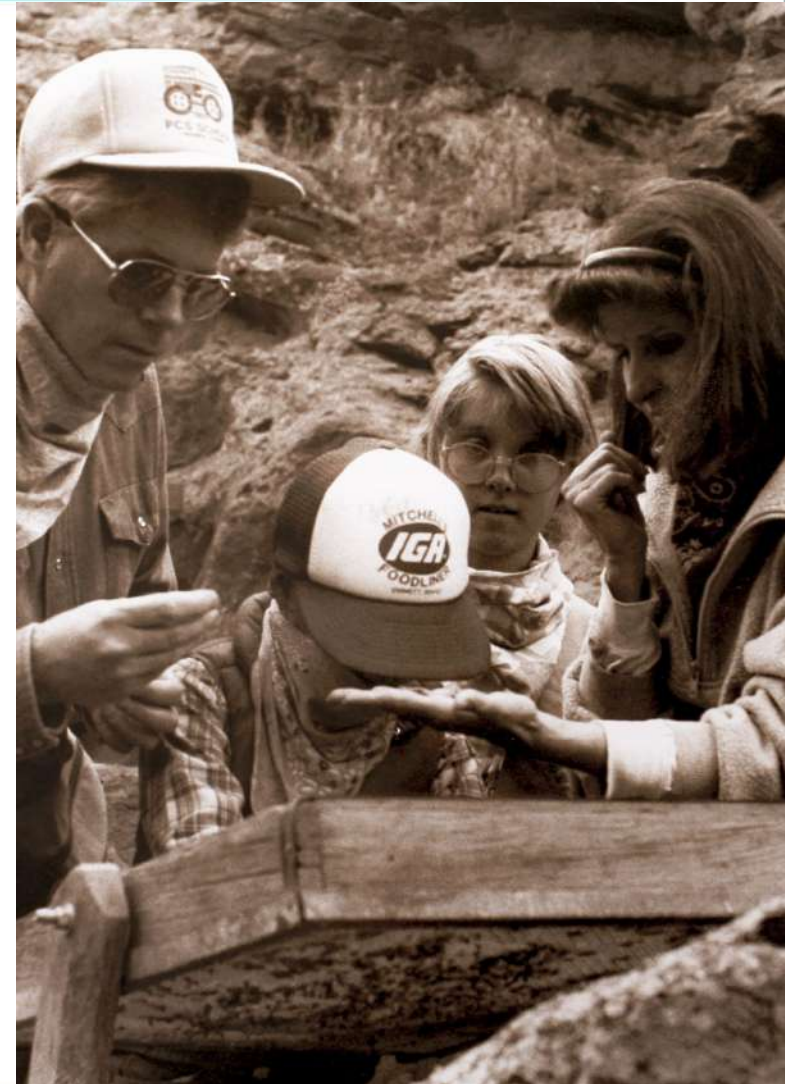
- Who is PCS Edventures?
- What is *Discover*?
 - The Story of *Discover*
 - *Discover* Pedagogy
 - Highlights of *Discover*
 - *Discover* Products
- Q&A



Who Is PCS Edventures?



- Pat's Computer School founded in 1988
- Network of experiential learning centers in Idaho, Washington and California
- Learning solutions adopted in over 7000 sites in all 50 US states and over 17 countries
- Philosophy of hands-on projects that fuel a passion for learning and a lifelong love of STEM



PCS Edventures Serves...

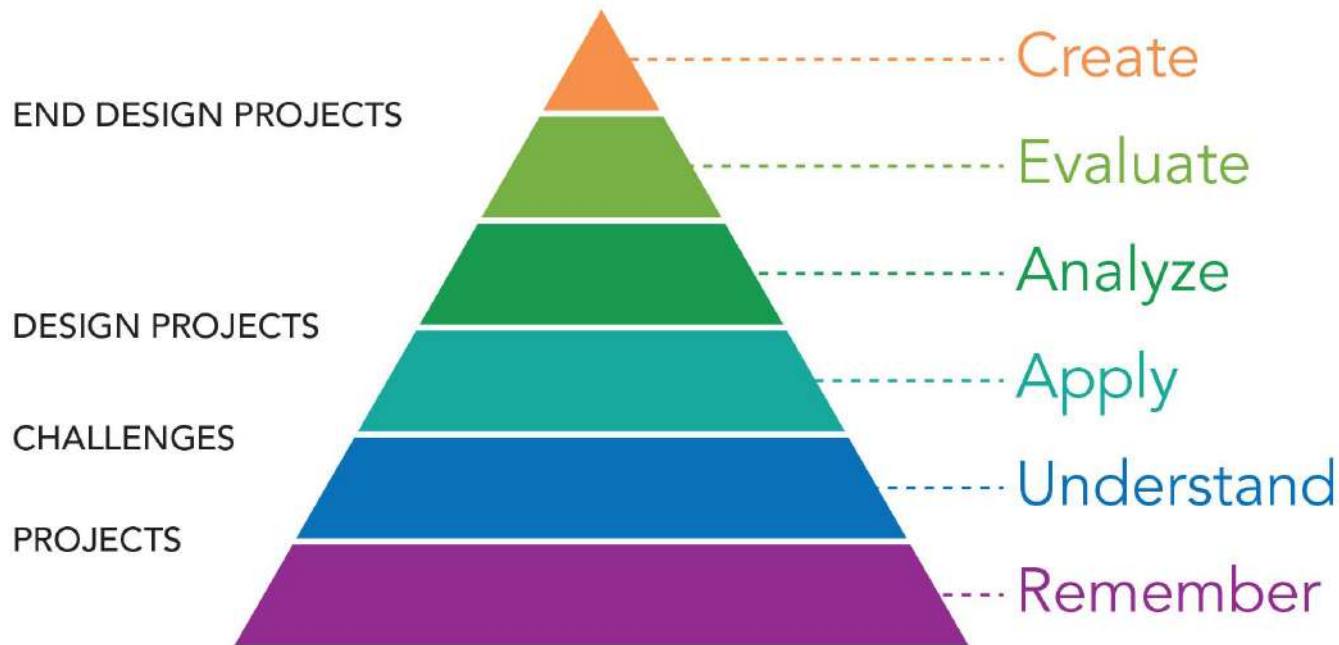


- K-12 educators in classrooms
- After-school programs
- Libraries and makerspaces
- Youth groups such as FFA, Boys & Girls Club, 4H, etc



The Discover Story...

- In the labs: project, project, challenge, challenge, design project
- Work through different levels: Bloom's Taxonomy



BLOOM'S TAXONOMY

What is Discover?

- Today's Technologies
- Student-Driven Exploration
- Individual or Small Group Work
- Makerspace Environments
- Versatile Materials for Extensions
- Aligned to National Standards



The Discover Goal...

- DISCOVER your passions
- Learn STEM skills and soft skills
- Bring the lab into a classroom or library or after-school program
 - Modules from the lab
 - Adaptability
 - Personalize and expand



Discover in Action



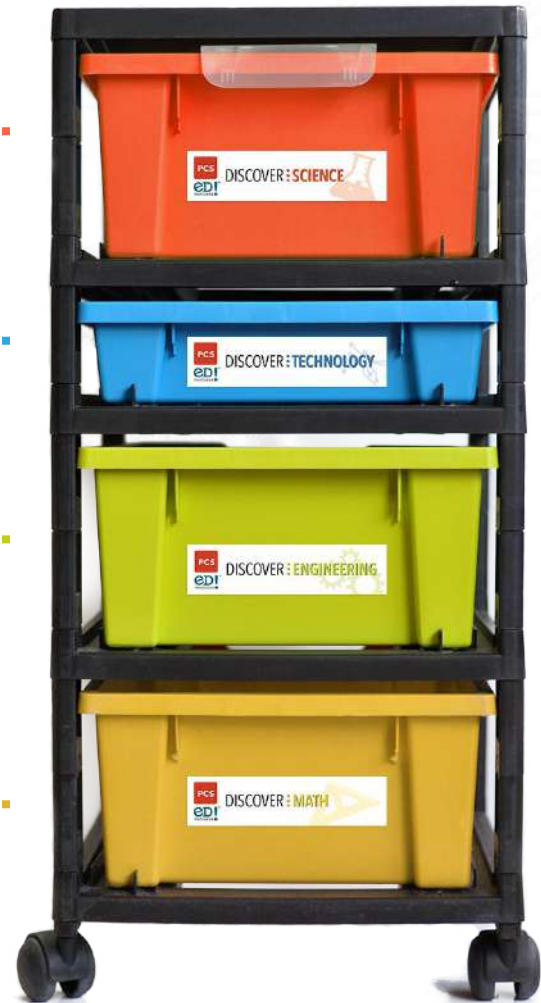
Discover STEM LAB 5-6

Discover Dynamics

Robotics and Programming

Discover Engineering

Discover Renewable Energy



STUDENTS: Up to 24 | CONTACT HOURS: 100+

Discover Robotics & Programming



Discover Engineering



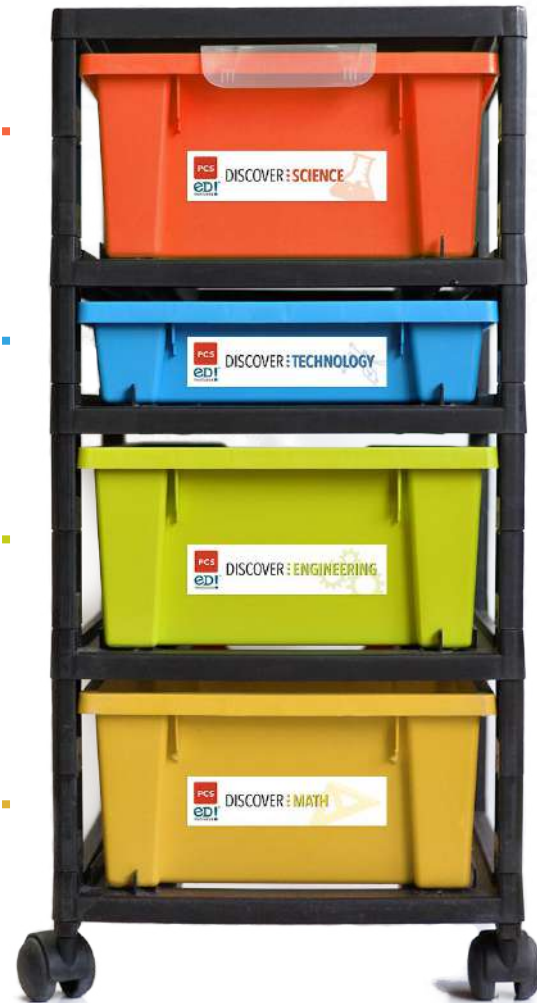
Discover STEM LAB 3-4

BrickLAB Zoology

Digital Video Lab

Discover Cubelets

Digits and Design



STUDENTS: Up to 24 | CONTACT HOURS: 100+

Digital Video Lab



Discover Cubelets



The Discover Collection

- Discover Robotics & Programming I & II
- Discover Robotics & Physics
- Discover Engineering
- Discover Cubelets
- Discover STEM LAB 3-4 and 5-6
- Discover Digital Video LAB



Questions?



A large, colorful 3D graphic of the word "QUESTIONS?" where each letter is a different color and has a hole at the top. The letters are suspended by thin, colorful strings of various colors (green, pink, blue, yellow, orange, green, pink, blue, orange, yellow) that extend upwards from the top of the frame. The letters are arranged in a slightly staggered, overlapping manner.



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PCS Edventures Product Lines:

