



A Model Partnership
Ariens Technology & Engineering
Education Center

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Ariens Company Vision

**Passionate People.
Astounded Customers.**



Ariens Company Culture: Balance



Ariens Company Core Values

Be Honest

Be Fair

Keep Our Commitments

Respect the Individual

Encourage Intellectual Curiosity

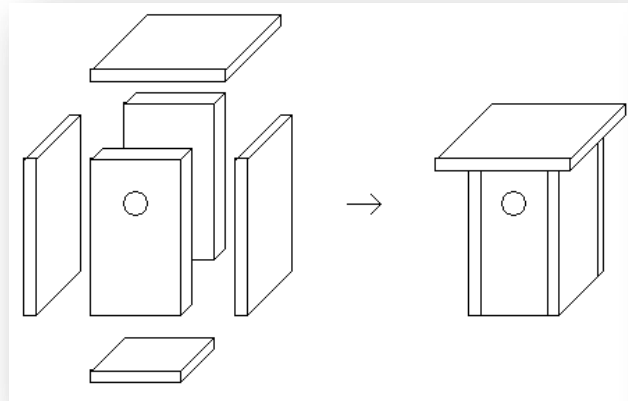
Overview

- History of Partnership and Educational Philosophy
- Example Student Work and Success Stories
- Leading the Charge
- Questions



History & Philosophy of Partnership

- 2003, Major shift in curriculum and educational philosophy
- Previous model:
 - very skill/vocational based
 - designed for small population of students
 - Practice did not reflect current manufacturing methods



Philosophy & History of Partnership

New model:

- Education for all students
- Technologically literate, educational opportunities, and future careers
- Breadth, not depth
- Design/innovation - all disciplines



“Create the Innovative Thinkers and Doers of the 21st Century”



Image taken from <http://www.instructables.com/id/Grow-a-square-watermelon/>

Ariens Technology and Engineering Education Center



Established 2007



The Snowball Effect

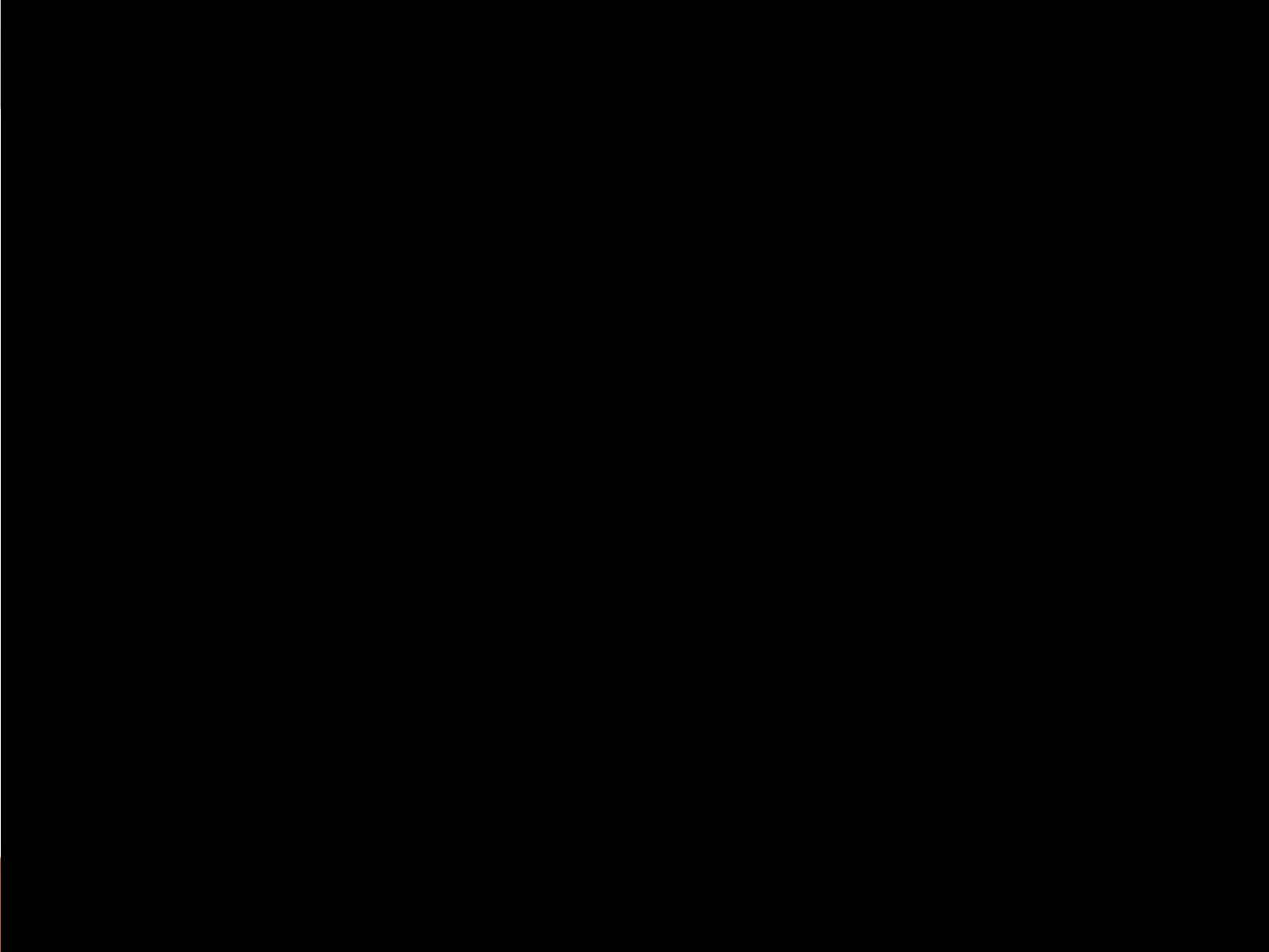
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An Engaging Student Experience





Relationship to the “Real World”

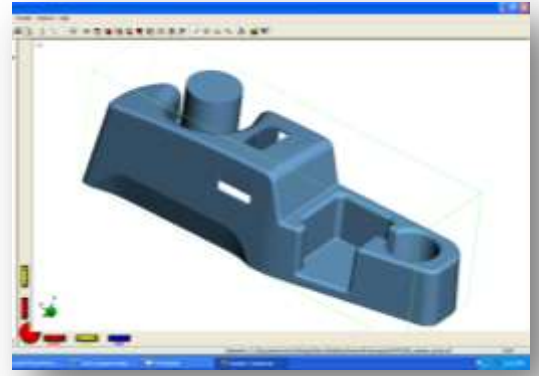
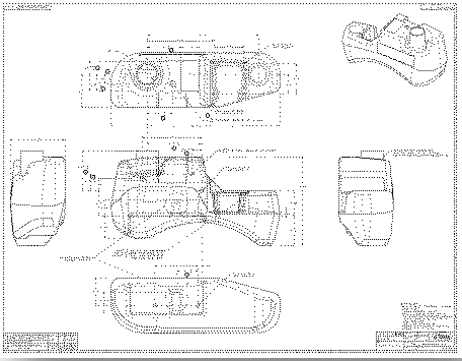
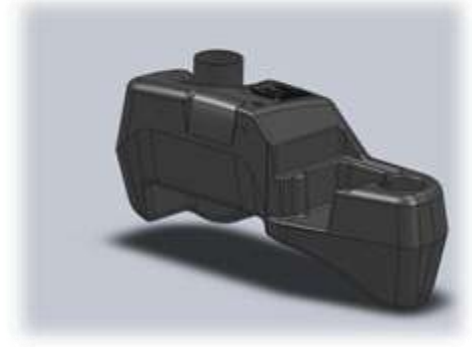


2011 & 2012 EPA requirements - 157 rule
mold tank regulator selection

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Success Stories

- More students, more places
- Female Enrollment
- High Mileage
- MIT InvenTeam
- NCETE – Manufacturing
- STEM Initiative



The “It” Factor



Paul Nistler
Principal: Brillion High School



Dan Ariens
President & CEO, Ariens Company

Lead the Charge!

- Skilled and Knowledgeable & Passionate Workforce
- Hands-On, Minds-On
- Promote a broad-based philosophy to encompass all disciplines
- Create relationships with schools
- Support and become involved in organizations
- Look for long term solutions



Dane Walter Meyer
“Future Ariens Employee”

In Closing



Go Big Red!!!



SLAM DUNK EMPLOYEE



SLAM DUNK EMPLOYEE



SLAM DUNK EMPLOYEE



Support the Momentum at BHS

- Dynamic technology education program
- Teacher with a vision for change
- Support from administration
- Hands-on/minds-on opportunities
- **Core of innovative problem-solving**



Innovative Problem-Solving



- Relevant
- Important
- Necessary for economic vitality

Innovative Problem-Solving



Kaizen events conducted to date: **1,600**

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Innovative Problem-Solving



Work hours spent on Kaizen events: 50,616/year

Innovative Problem-Solving



Employees who have participated in Kaizen events: 863

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Innovative Problem-Solving



Employees who have participated in 50+ Kaizen events: **38**

Innovative Problem-Solving



Kaizen Implements (improvement ideas) submitted by employees last year: 3,316

Innovative Problem-Solving



Unexpected Benefits to Ariens

- Seamless interaction between school and employees
- 100 kids for summer employment understanding terminology of lean, manufacturing etc.
- Joint design work for products with students
- Internship Program
- Use of labs by engineers
- Employees feeling vested in student learning
- Customer loyalty



Questions?
[5]