# Kansas Project Lead The Way

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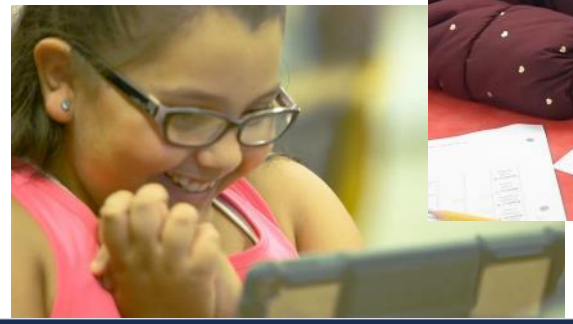
# Transforming Learning and Teaching with PLTW

> PLTW has really transformed what our students are doing. Our kids are engaged, focused, having collaborative conversations, problem-solving, preserving and learning what it means to fail forward.

**Dr. Julie Cannizzo**
Assistant Superintendent, Goddard Public Schools
2019-20 PLTW Administrator of the Year



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# PreK-12 Pathways

Launch
PreK-5

## Elementary

- 43 Modules
- 10 hours / module
- 4-8 modules / grade
- Full coverage NGSS
- English / Spanish

Gateway
6-8

## Middle School

- 10 Units
- 9 weeks or a semester
- 45 minutes / 45 sessions
- English / Spanish

Biomedical Science
9-12

## Biomedical Science

- 4 Courses
- Yearlong
- COVID-19 Module

Computer Science
9-12

## Computer Science

- 4 Courses
- Yearlong
- Cybersecurity
- AP Aligned

Engineering
9-12

## Engineering

- 10 Courses
- Yearlong

# Building Knowledge and Skills

*Activity, Project, Problem Based Approach (APB) and Scaffolding*

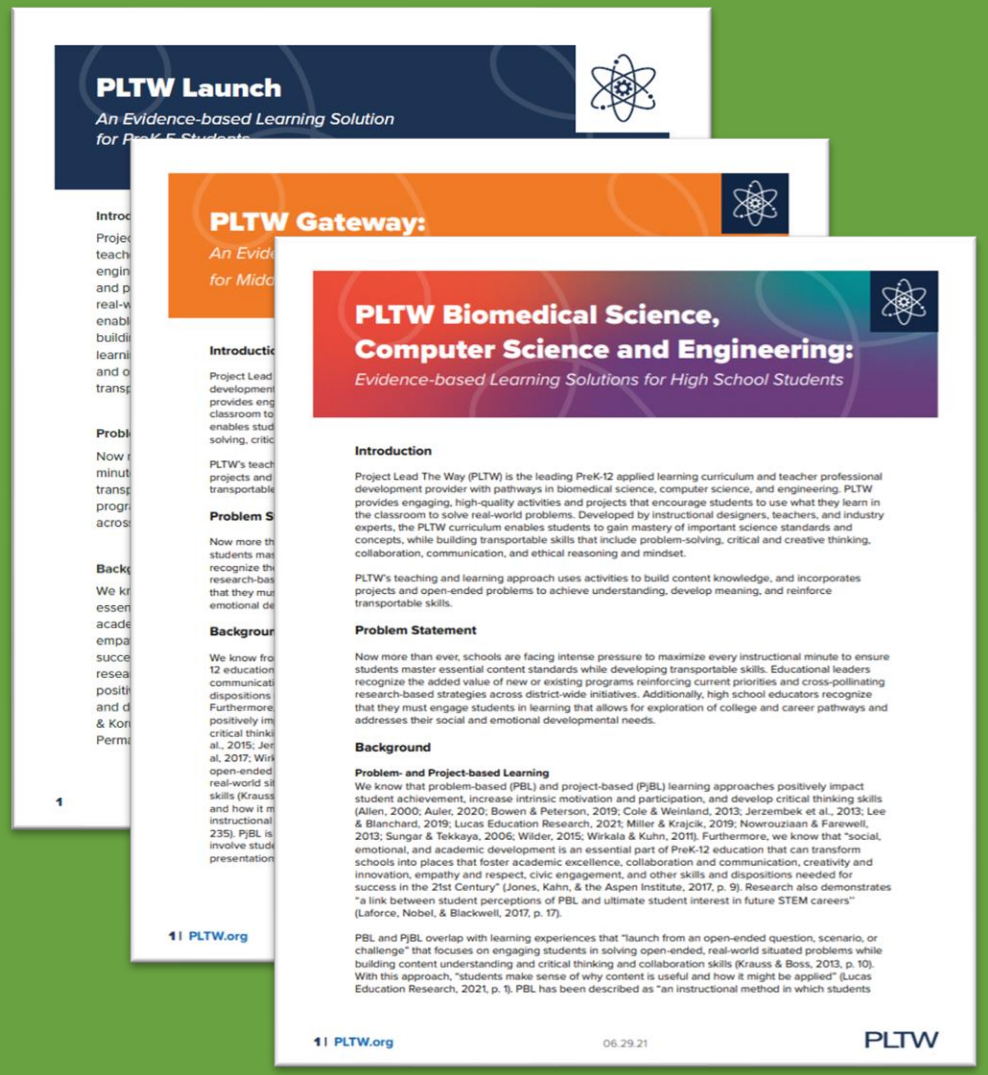

[Learn more here!]

# Evidence Based Support

## PLTW Provides PreK-12 Evidence Based Papers:

- Dive deeper into the structure of our evidence-based curriculum.
- Learn about our unique problem-based learning (PBL) approach.
- Review the research supporting the positive impact PLTW has on student achievement.

**Download Here!**



# Kansas PLTW Grant Opportunities

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# Kansas PLTW Grant Opportunities

## Industry Partner Grants:

- John Deere
- Lockheed Martin

## PLTW Grants:

- Rural Implementation
- Title 1
- PK-12 Pathway Completion

# KS PLTW Grant Opportunities

## John Deere

**PLTW Launch (preK-5)**

New programs: $10,000
- 2022-23: $7,500
- 2023-24: $2,500

Expansion of existing programs: $5,000
- 2022-23: $5,000

**PLTW Gateway (6-8)**

New programs: $20,000
- 2022-23: $10,000
- 2023-24: $10,000

Expansion of existing programs: $10,000
- 2022-23: 10,000

**PLTW Engineering (9-12)**

New programs: $35,000
- 2022-23: $10,000
- 2023-24: $15,000
- 2024-25: $10,000

Expansion of existing programs: $10,000
- 2022-23: $10,000

**PLTW Computer Science (9-12)**

New programs: $20,000
- 2022-23: $10,000
- 2023-24: $5,000
- 2024-25: $5,000

Expansion of existing programs: $10,000
- 2022-23: $10,000

JOHN DEERE

**Deadline to Apply:**
December 17th

**Geographic Area:**
Eligible schools must be located within 40 miles of the following John Deere facilities: Kansas: Coffeyville

[Learn more & apply here!]



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# KS PLTW Grant Opportunities

## Lockheed Martin

**Deadline to Apply:**
November 19th

**PLTW Computer Science Cybersecurity**

Total Award: $10,000

- 2022-23: $10,000
- 2023-24: $0

Public schools across the United States are invited to apply!

**Learn more & apply here!**

# KS PLTW Grant Opportunities

**Deadline to Apply:**
Rolling Deadline

### PLTW Launch (preK-5)

Award Value: up to $13,900 directly applied to cover:

- 2021-22 and 2022-23 participation fees;
- Up to 24 Online PLTW Launch Core Training registration fees.

### PLTW Gateway (6-8)

Award Value: $9,100 directly applied to cover:

- 2021-22 and 2022-23 participation fees;
- Up to 6 Online PLTW Gateway Core Training registration fees.

### PLTW Biomedical Science (9-12)

Award Value: $14,000 directly applied to cover:

- 2022-23 and 2023-24 participation fees;
- Up to 4 Online PLTW Biomedical Science Core Training registration fees.

### PLTW Computer Science (9-12)

Award Value: $14,000 directly applied to cover:

- 2022-23 and 2023-24 participation fees;
- Up to 4 Online PLTW Computer Science Core Training registration fees.

### PLTW Engineering (9-12)

Award Value: $16,000 directly applied to cover:

- 2022-23 and 2023-24 participation fees;
- Up to 4 Online PLTW Engineering Core Training registration fees.

All schools are encouraged to apply including: private schools, charter schools**, rural schools**, public and private schools that serve 40% or more students who are eligible for free and reduced lunch, public and private schools that serve a minority majority student population, as well as districts/schools seeking to begin PLTW or existing PLTW districts seeking to offer a complete PLTW program pathway.

**Learn more & apply here!**



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# USD 410 PLTW Implementation

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Superintendent
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# Next Steps

# Q&A

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**Join the KS PLTW Team for an Overview & Grant Opportunities Workshop:**

- Thursday, November 4th, 9:00 – 9:30am CST
  Register Here!
- Thursday, November 4th 3:00 – 3:30pm CST
  Register Here!

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