


**WOODFORD COUNTY BOARD OF EDUCATION  
AGENDA ITEM**

**ITEM #:** 14 **DATE:** October 3, 2018

**TOPIC/TITLE:** Grant Application/PLTW Grant/WCHS Computer Science Program/Robert Greene

**PRESENTER:** Jimmy Brehm 

**ORIGIN:**

- ☐ TOPIC PRESENTED FOR INFORMATION ONLY (No board action required.)
- ☒ ACTION REQUESTED AT THIS MEETING
- ☒ ITEM IS ON THE CONSENT AGENDA FOR APPROVAL
- ☐ ACTION REQUESTED AT FUTURE MEETING: (DATE)
- ☒ BOARD REVIEW REQUIRED BY

- ☒ STATE OR FEDERAL LAW OR REGULATION
- ☐ BOARD OF EDUCATION POLICY
- ☐ OTHER:

**PREVIOUS REVIEW, DISCUSSION OR ACTION:**

- ☒ NO PREVIOUS BOARD REVIEW, DISCUSSION OR ACTION
- ☐ PREVIOUS REVIEW OR ACTION

- ☐ DATE:
- ☐ ACTION:

**BACKGROUND INFORMATION:**

Per Board policy - grant applications must be pre-approved.

**SUMMARY OF MAJOR ELEMENTS:**

We are requesting Board approval for WCHS teacher, Robert Greene, to apply, and accept if awarded, a PLTW Grant to assist in implementing PLTW's computer science courses starting in the 2019-2020 academic year per the attached request.

**IMPACT ON RESOURCES:** N/A

**TIMETABLE FOR FURTHER REVIEW OR ACTION:**

**SUPERINTENDENT'S RECOMMENDATION:** ☒ Recommended ☐ Not Recommended



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## REQUEST FORM

EMPLOYEE OR PERSON MAKING REQUEST Robert Greene – Engineering Teacher

ORGANIZATION, IF ANY, THAT YOU REPRESENT \_\_\_\_\_

NATURE OF REQUEST Submit and Apply for \$20,000 PLTW Grant to assist in  
implementing PLTW's Computer Science courses starting  
in the 2019-2020 academic year.

IS THIS REQUEST IN COMPLIANCE WITH ALL DISTRICT POLICIES? YES OR NO

WILL THIS REQUEST REQUIRE ANY EXPENDITURE OF DISTRICT FUNDS? YES OR NO

ADMINISTRATOR RECEIVING REQUEST Dr. Jake Bell

IF THIS REQUEST IS ORIGINATING FROM A PARTICULAR SCHOOL OR IS REQUESTING THE USE OF A PARTICULAR SCHOOL, THE BUILDING PRINCIPAL MUST RECOMMEND HIS APPROVAL BY SIGNING BELOW.

9/24/18

DATE

[Signature]

BUILDING PRINCIPAL'S SIGNATURE

THE PERSON MAKING THIS REQUEST CAN BE CONTACTED AT THE ADDRESS OR TELEPHONE NUMBER LISTED BELOW.

Robert Greene

859-879-4630

TELEPHONE

WCHS

ADDRESS

9/24/18

DATE

Robert Greene

SIGNATURE OF PERSON MAKING REQUEST

RECEIVED

SEP 24 2018 09/30/03

WOODFORD COUNTY  
BOARD OF EDUCATION

## PLTW Computer Science

Evidence shows there is a large workforce demand for individuals with STEM-based education and skills, as well as individuals with strong problem-solving, perseverance, critical-thinking and collaboration skills. It is essential that students across all grade levels are given opportunities to develop those skills, and that teachers receive the training and support needed to help develop those skills in their students.

The Toyota USA Foundation has partnered with PLTW to help improve the teaching and learning of science, technology, engineering and mathematics in order to help address these workforce demands. Through this partnership, grant support is available to schools interested in implementing PLTW's programs that focus on engineering and computer science pathways.

Schools serving any grades 9-12 that are interested in implementing the PLTW Computer Science program that also meet eligibility requirements who submit a grant application will be considered for award.

**Apply By:** November 16, 2018

[Apply for a PLTW Grant](#)

Close ✕

### Eligibility Requirements:

**PLTW Program:** PLTW Computer Science

**Program Requirements:** Schools may use funds to offset the cost of implementing PLTW Computer Science courses starting in the 2019-2020 academic year. Grant awarded schools must offer at least one PLTW Computer Science course of their choosing for the 2019-2020 academic year and at least three by the 2021-2022 academic year.

**School Type:** Public, Charter

**Geographic Area:** Public schools within a 50 mile radius of Toyota facilities in the following communities are eligible for award consideration:

- Alabama: Huntsville
- Indiana: Princeton
- Kentucky: Georgetown
- Missouri: Troy
- Mississippi: Blue Springs
- Tennessee: Jackson
- Texas: Plano and San Antonio
- West Virginia: Buffalo

**Other:** Preference will be given to applicants who make clear that their request is part of a larger effort to build-out PreK-12 PLTW pathways across their district.

### Grant Award and Distribution Schedule:

**Total Award:** \$20,000

- 2019-2020: \$10,000
- 2020-2021: \$5,000
- 2021-2022: \$5,000

### **Use of Funds**

#### **Allowable Expenses:**

- PLTW Participation Fee
- Core Training and related expenses
- Required computers and/or tablets
- Program required equipment and supplies
- Equipment and supplies listed as Optional

#### **Unallowable Expenses:**

- Salaries or Stipends
- Benefits
- Meals
- Infrastructure
- Renovations
- Indirect Costs
- Any other expenses unspecified as allowable

#### **Grant Reporting Requirements:**

Grantees receiving a PLTW grant are required to annually submit the following three reports for the duration of the grant period: Program Report, Data Collection Report, and Financial Report.



# Manufacturing

Brehm, Jimmy

Mon 10/17/2016 7:55 PM

To: Porter, Jean <jean.porter@woodford.kyschools.us>; Greene, Robert <robert.greene@woodford.kyschools.us>;

Woodford County Schools is passionate about ensuring we are working collaboratively with our community, teachers, and students to ensure that our graduates are prepared to meet the work-force needs of our community as a whole. As our community continues to grow Woodford County Schools has recognized that a large number of jobs in the Central Kentucky community are becoming available in the areas of engineering and manufacturing. As part of this recognition that our school system must advance and adjust to ensure our graduates are prepared to fill these positions the school board has allocated funds in a "STEM" account to meet these needs. Knowing that the start-up costs to create a top-level engineering and manufacturing program are significant Woodford County Schools has pledged a minimum of \$15,000 in FY17, \$10,000 in FY18, and \$5,000 in subsequent years to directly support the purchase of equipment, materials, and curriculums to move our manufacturing and engineering departments forward so that our graduates can meet the work-force needs of Central Kentucky. Woodford County Schools invests in the teachers and their professionalism and believes that decisions are best made at the closest point to student impact and thus these funds are flexible based upon the needs seen by the teachers within the programs.

*Jimmy Brehm*

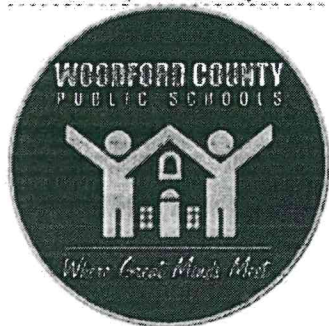
**Chief Academic Officer**

**Woodford County Public Schools**

*(859) 879-4600*

**330 Pisgah Pike**

**Versailles, Kentucky 40383**



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