

**This is a request of approval to submit the following KYSTE Grant Application for matching funds of \$10,000 for technology equipment for Marion County Knight Academy.**

## **KYSTE Grant Application**

**2021-2022**

**KySTE 2021-2022 Outreach Application Grants can be used for any grade level. Grants that are innovative will be given priority. Please refer to the grant scoring rubric for details. You MUST be a member of KySTE to apply. Funding cannot be used for classroom equipment not directly related to the project/program, transportation, stipends, subs or paid positions. All grant funds must be expended within one year of the date of award. This application must be completed all at one time. If you have any questions about the grant process, email [kysteoutreach@gmail.com](mailto:kysteoutreach@gmail.com). The maximum amount that can be requested is \$10,000.**

<b>KYSTE Membership Number -</b>
388731933
<b>FEIN Number (Tax ID)</b>
B-453
<b>Primary Applicant - Marion County Knight Academy (Jennifer Russell)</b>
<b>Title of Project -</b>
The Synergistic Effect
<b>Summary of Project/Program- 600</b>
The Synergistics Effect focuses on maximizing the effect of technology in our classrooms by upgrading current outdated technology with working productive equipment. I am asking for matching funds to purchase SMART Interactive panels for our school. Our current SMARTBoards no longer work effectively. Basically we have expensive projector screens. Our teachers desire to bring back the synergy to their classrooms. The new SMART Interactive panels will allow them to have multi-touch interactions, connect wirelessly to their Chromebooks for sharing and collaborating, and so much more.
<b>Why do you think there is a need for it? What is/are the goals of the project/program? How will this project impact student learning? (SMART Goals) 1700</b>

Marion County Knight Academy is a newly formed school in 2016, but it is located in a building built in 1995. Back in 1995 it was equipped with some of the best technology including SmartBoards and projectors for maximum teacher and student engagement. As the years progressed, some things were kept up-to-date and others were not. In the past few years, it has become imperative to have more technology in student's hands like Chromebooks and individual devices. Our school funds have shifted toward student devices and hasn't allowed anything left over to update other technology.

Everyday our teachers work creatively to provide engaging and collaborative lessons, but outdated technology is holding them back. Mrs. Goff, the financial literacy teacher, helps students learn all about how to balance a checkbook, invest in stocks, and save money. She constantly has to modify her lessons due to not being able to use the SMARTBoard in her classroom as it was intended. Mrs. Conley, 9th grade math teacher, can no longer write on her board to model math concepts to students. Our Social Studies teacher, Mrs. Clark, has had to recreate assignments that used to be interactive and collaborative to individual work within the confines of Chromebooks and Google Classroom.

By having working SMART Interactive panels our teachers can create interactive presentations, projects, and annotate graphics and diagrams. Instead of wasting time and energy running back to their computer to manipulate presentations or display different slides, they can simply touch the board as they seamlessly teach their content. This grant will allow us to begin to transition our school from disjointed to Synergistic!

**Describe your program design and implementation including alignment to KySTE's mission, improving effectiveness, integrating technology in the curriculum, professional development and coordination as referenced in the KYSTE Outreach Rubric 6500**

**Project supports all 3 of the following aspects of KySTE's mission: (1) infuse technology as an integral part of the educational process, (2) promoting educational excellence, and (3) technology-based innovation.**

The synergistic effect will directly impact student learning from the first day in use. The SMART panels are built to assist teachers infuse teaching into every lesson. The teachers that have been selected to receive these panels based on need and teaching style. Each of the receiving teachers have made a plan of implementation. The following statements are from the teacher's plans.

With the new push for inquiry based learning in Social Studies, an interactive panel would not only display primary and secondary source documents, but allow the students to interact with them. It would be used to model and practice annotating the documents and interacting with maps and charts. The panel would allow students to see these sources clearly so they can experience each source fully.

In financial literacy, the interactive panel will be used in interactive presentations such as Nearpod and online simulations. To lead instruction it will be used to demonstrate and guide thought process and decision making. Students will be able to investigate and organize ideas while pairing the technology with Chromecast, Relay, and other resources. As students are working individually or in small groups, they will be able to share their Chromebook screens to share ideas and lead discussions.

In the ECE department, students don't always have the hand-eye coordination to work a keyboard and mouse or small Chromebook. The SMART panel will allow ECE students to see a larger visual of the activities and physically interact with the lesson. Many of our lessons involve students repeating a behavior or action. The SMART panel will be the center of every lesson, allowing students to practice as they are modeling the behavior or action for the other students in the classroom.

Math truly lends itself to this type of technology. As I am modeling math concepts, it is important for them to see the process. It is possible to do the same modeling on a simple white board, but the SMART panel would allow me to create a video as I am teaching for student's that missed class or are quarantined. The panel allows me to create digital slides for later use or project student work on the board right from their own Chromebooks.

As an English teacher, I want my students to experience literature through all the senses. I can display text for the class and use the pens to add color, annotate, and examine different aspects. I can record lessons for students to watch on their individual Chromebooks at home and flip the classroom lesson where students are prepared to discuss content and engage in a deeper understanding. Recording the lessons is also important since COVID has become a reality and many students are still being quarantined and missing days of school.

As you can see, many teachers and students are going to be impacted by these amazing interactive panels. We have also made arrangements for our company representative to come and demonstrate the uses of the board and offer any help with implementation. We have great technology support in our district and in our school. As the media specialist, I will be working with each teacher to support their individual plan of instruction.

**Give a time schedule of events 700**

The plan is to purchase all panels in March-June 2022, depending on availability of equipment. Next, teachers will participate in a hands-on demonstration of how the new board works and learn about the features. Teachers and students will be ready to use the board in daily instruction.

**Approximately how many students will be impacted by this project/program?**

380

**Approximately what percentage of the student population does this represent?**

75%

**Approximately how many teachers will be impacted by this project/program?**

5

**Approximately what percentage of the teachers will be impacted by this program/project?**

20%

**Initiative support? - Classroom and school**

School
<b>Explain your plan to continue project/program 600</b>
With this grant as a jump start, our school will be able to continue purchasing two to three SMART Panels each year to replace the other outdated boards. The current SMARTBoards have lasted about 25 years, so we plan to get many years of use out of the new interactive panels.
<b>Describe how you will assess your project/program outcome</b>
Teachers will give a report of how effective and how often they use the SMART Interactive panels on a daily basis. We will survey the students on collaborative use, interactiveness, and ease of use.
<b>Budget</b>
SMART Panel MX075-V2 costs \$3549.00 + 125.00 (shipping)= \$3674.00 Delivery Surcharge \$150.00 (one time charge)
Total Grant Funds \$10,00 -Will purchase approx 2.7
Total School Funds \$10,000 -Will cover delivery charge, 2.3 of the panels, and installation charges
5 SMART Interactive panels Panels - \$18,370, Docking Fee-\$150.00, Installation-\$1480.00=\$20,000
<b>Justification</b>
The SMART panel will allow for high engagement and interaction in each classroom.
<b>Match or In-Kind</b>
Match
<b>Total amount being requested from KYSTE Outreach Grants</b>
Total Grant Funds Requested \$10,00
<b>Matching Funds Amount</b>
Total School Funds \$7745 + \$1480(install/fees)
<b>Total Cost of Project</b>
\$20000
<b>One to two sentence summation of grant 350</b>

The Synergistics Effect focuses on maximizing the effect of technology in our classrooms by upgrading current outdated technology with working productive equipment. The new SMART panels allow teachers and students to create synergy through engaging and interactive lessons with both individual and whole group instruction.

**Approval of finance director or Super**

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