

**SCHOOL DISTRICT OF CLAY COUNTY – GRANT REVIEW**

Grant Originator: Alisa Jones School/Dept: Instructional Resources

Grant Title: I3: Clay STEM Initiative

Grant Source: federal

Grant Proposal Amount: 1,459,708 Required Matching Funds: 15% private sector (in-kind)

Goal(s): To improve achievement of 8th grade science students, especially low performing ESE and economically disadvantaged students, through rigorous and relevant science activities that allow students to actively utilize technology to collaborate, research, and create STEM artifacts that mirror the 21st century workforce.

Goals are related to:  School Improvement Plan  Sunshine State Standards  
 Technology Plan  Other \_\_\_\_\_

Target Population: 7-8 grade science

If project will differ from current Board approved curriculum, state how it will differ: \_\_\_\_\_

**Specify staff development activities requiring expenditures outside of School Board guidelines:**

- Consultants (Object 0310, other than Board approved rate): \_\_\_\_\_
- Staff Participants (Object 0100, other than Board approved hourly rate): \_\_\_\_\_
- Per Diem/Travel (Object 0330, other than Board approved mileage rate): \_\_\_\_\_

**Will there be any:**

- Additional personnel:  No  Yes, please list
- Maintenance required:  No  Yes, please list
- Contract service:  No  Yes, please list
- Sub. coverage required:  No  Yes, please list
- Plant Modifications:  No  Yes, please list
- Add. Tech. needs:  No  Yes, please list
- Add. Equip./furniture:  No  Yes, please list

*Please Note: If teachers will require a substitute for grant initiatives, funds must be budgeted into the grant.*

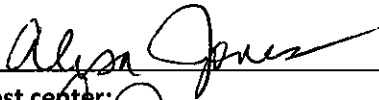
*If yes to any of the above, please explain resources, cost, and any other district impact (attach additional pages if necessary):*

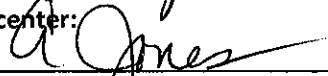
Contracted services will include project management and evaluation services; Substitute coverage for inservice activities; Laptops/tablets for teacher and student use; STEM and aerospace equipment all written into grant budget

**Signatures indicate:**

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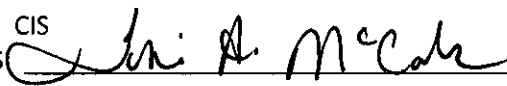
**Person(s) applying for grant:**

Signature(s):  Date: 7-12-11

Principal/Director of affected cost center:  
 Signature:  Date: 7-12-11

**Upon securing the proper signatures at your school, please make 5 copies of this form, attach a copy of the grant and return to Kelly Mosley - CTE Specialist, HC Long Building at least 10 business days prior to grant submission deadline.**

**FOR DISTRICT USE ONLY**

Division Section:  HR  SS  INST  BA  CIS  
 Signature of Assistant Superintendent/CIS:   Approved  Denied  
 Date: 7/12/11

District Approval to Proceed: \_\_\_\_\_  Approved  Denied  
 Signature of Deputy Superintendent: \_\_\_\_\_ Date: \_\_\_\_\_

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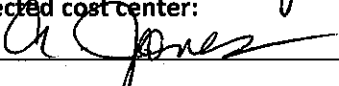
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Signature of Assistant Superintendent/CIS: \_\_\_\_\_ Date: 7-12-11

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Signature(s): \_\_\_\_\_ Date: 7-12-11

Principal/Director of affected cost center: A Jones  
Signature: \_\_\_\_\_ Date: 7-12-11

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Division Section: HR SS INST BA CIS  Approved  Denied  
Signature of Assistant Superintendent/CIS: Donnie Adams Date: 7-12-11

District Approval to Proceed:  Approved  Denied  
Signature of Deputy Superintendent: Donnie Adams Date: 7/12/11

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Signature: A. Jones Date: 7-12-11

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Division Section: HR SS INST **BA** CIS  Approved  Denied  
 Signature of Assistant Superintendent/CIS: Kerry J. Copeland Date: 7/12/11

District Approval to Proceed: \_\_\_\_\_  Approved  Denied  
 Signature of Deputy Superintendent: \_\_\_\_\_ Date: \_\_\_\_\_

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Division Section: HR SS INST BA CIS  Approved  Denied  
 Signature of Assistant Superintendent/CIS: Paul Hent Date: 7/12/11

District Approval to Proceed: \_\_\_\_\_ Approved \_\_\_\_\_ Denied  
 Signature of Deputy Superintendent: \_\_\_\_\_ Date: \_\_\_\_\_

# Clay STEM Initiative Expanded (CSI<sup>E</sup>)

This is a developmental grant application for the Investing in Innovation Fund (I3) that will expand a successfully completed Science, Technology, Engineering and Math initiative that has transformed the teaching/learning process for Science instruction and trained teachers and students to collaborate and utilize web-based research, simulations, and applications to apply knowledge through project based learning.

The absolute priority for Clay STEM Initiative Expanded (CSI<sup>E</sup>) is Promoting STEM Education. Competitive preference priorities include Technology and Innovations to Address the Unique Learning Needs of Students w/ Disabilities and Limited English Proficient Students.

The project begins in the 8<sup>th</sup> grade science classroom, includes targeted STEM summer camps for engineering, robotics, and aerospace, and leads to an Academy experience in Computer Science and Engineering.

CSI<sup>E</sup> will focus to provide teachers with professional development and equipment which will help them embrace both traditional and advanced teaching methods through technology. At the completion of the Clay STEM Initiative Enhanced, or CSI<sup>E</sup>, you will find students become producers, evaluators as they engage in interactive feedback with their teachers and peers, collaborators in the learning process as together they plug in, power up, and stay connected with web-based research, simulations, and applications to apply science, technology, engineering, and math knowledge through project-based learning. Deliverables will include industry certifications, and students qualifying for high paying jobs right out of high school with the right industry certifications, including students with disabilities and limited English proficient students.

The project is expected to impact approximately 15,000 students over a 60 month period. Estimated award is \$1,459,780.