



ARKANSAS DEPARTMENT OF EDUCATION

CONTRACT/GRANT AWARD ROUTING FORM

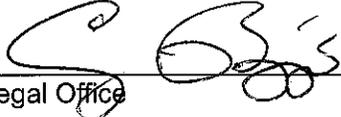
Use this routing form for obtaining approvals (in the order listed below) for **every Professional or Technical Services Contract, MOU, Grant Award or other agreement exceeding \$10,000**. When the form is complete, **the contract must be returned to the Finance Office**. The Finance Office will forward those exceeding \$50,000 to DFA for additional approvals.

Contract with: Southwest ESC

Approved:  Date: 03/26/16
Unit Leader

Approved: _____ Date: _____
Assistant Commissioner

Approved:  Date: 4/15/16
Finance Office

Approved:  Date: 4/15/16
Legal Office

Approved:  Date: 4/20/16
Commissioner/Deputy Commissioner

Comments _____



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Commissioner/Deputy Commissioner

Comments _____



2016 Computer Science Professional Development Program Grant Memorandum of Understanding

This memorandum of understanding (MOU) is being entered into between the Arkansas Department of Education (ADE) and the Arkansas STEM Center, Arkansas Educational Service Cooperative, Arkansas public university, Arkansas public community college, or other public institution listed in Section I, hereinafter "INSTITUTION".

Section I – INSTITUTION Information

Name: **Southwest Arkansas Education Cooperative**
Address: **2502 South Main Street**
Hope, AR 71801
Contact Name: **Monica Morris**
Contact Email: **monica.morris@swaec.org**

Section II – Funding Information

Grant funding is subject to the availability of funds appropriated by legislative act for the purpose stated in the grant award. ADE reserves the right to reduce or void the grant award upon appropriated funds becoming reduced or unavailable. In addition, a grant agreement may be terminated by ADE at any time for any reason upon notice to the grant recipient.

ADE reserves the right to reduce funding if the initial funding projections are determined not to have been realistic based upon the number of actual applicants or other factors. Should additional funds become available for distribution, ADE will determine how these funds will be distributed.

Program funds shall not be obligated for expenditure before the beginning date of the grant or after the ending date of the grant. Funds may be requested only for those items that are reasonable and necessary for accomplishing the objectives of the program as defined in the application notice and for implementing activities as described.

Costs not included in the approved grant budget, including approved budget revisions, will not be reimbursed by ADE. Any costs that are incurred either before the start of the grant award or after the expiration of the grant award performance period are not allowable.

INSTITUTION must receive the benefit and liquidate all obligations incurred under the grant award no later than June 30, 2017.

For costs to be allowable to be charged to a grant, costs must generally meet the following criteria:

- Be necessary and reasonable for the performance of the grant and be allocable under the applicable cost principles



- Conform to limitations or exclusions set forth in the grant agreement as to types or amount of costs
- Be consistent with policies and procedures that apply uniformly to federally or state-funded activities and activities funded from other sources
- Be determined in accordance with generally accepted accounting principles (GAAP)
- Be adequately documented.

ADE will provide INSTITUTION up to **\$51,800.00** in grant funding for the ADE approved 2016 Computer Science Professional Development Program. Forward funding, not to exceed 50% of total program funding, in the amount of **\$25,900.00** will be made available to INSTITUTION on or before **April 29, 2016**. The remaining funding amount will be made available to INSTITUTION as reimbursements per the following schedule, subject to ADE receipt of invoices and attestations of meeting program requirements and MOU assurances.

The grant period for this funding is April 1, 2016 – June 30, 2017; INSTITUTION will return all funds not liquidated before June 30, 2017 to ADE by July 31, 2017.

FY2016 – Q4 Reimbursement

- Expenses, beyond already transferred amount, through June 20, 2016
- Invoice and attestation due to ADE on or before June 22, 2016
- Made available on or before July 29, 2016

FY2017 – Q1 Reimbursement

- Expenses, beyond already transferred amounts, through September 30, 2016
- Invoice and attestation due to ADE on or before October 4, 2016
- Made available on or before November 11, 2016

FY2017 – Q2 Reimbursement

- Expenses, beyond already transferred amounts, through December 31, 2016
- Invoice and attestation due to ADE on or before January 13, 2017
- Made available on or before February 24, 2017

FY2017 – Q3 Reimbursement

- Expenses, beyond already transferred amounts, through March 31, 2017
- Invoice and attestation due to ADE on or before April 5, 2017
- Made available on or before May 5, 2017

FY2017 – Q4 Reimbursement

- Expenses, beyond already transferred amounts, through June 20, 2017
- Invoice and attestation due to ADE on or before June 26, 2017



- Made available on or before July 29, 2017

FY2017 – Final Reimbursement

- Expenses, beyond already transferred amounts, through June 30, 2017
- Invoice and attestation due to ADE on or before July 10, 2017
- Made available on or before August 4, 2017

Section III – Program Delivery

INSTITUTION will provide professional development in the content area of computer science in accordance with the attached Computer Science Professional Development Program Grant Application 2016 submitted to ADE by INSTITUTION. Any provisions within the attached Computer Science Professional Development Program Grant Application 2016 that are in conflict with any provision within this MOU are declared invalid, and INSTITUTION must adhere to all provisions within this MOU.

INSTITUTION must commence and perform project activities according to established timelines. Failure to do so may result in reduction and reallocation of funds.

Section IV - Funding Use

INSTITUTION will utilize all funding awarded under this grant for activities to provide professional development to Arkansas educators in the content area of computer science, at no charge to said educators or their employing institutions.

INSTITUTION will use Fiscal control and accounting procedures that permit the tracing of funds to a level of expenditure adequate to establish that funds have been used in accordance with grant award. The INSTITUTION must maintain effective control over and accountability for all funds, property, and other assets. The INSTITUTION'S financial management system must provide for the following:

- Identification, in its accounts, of grant awards received and expended for the program under which they were received.
- Accurate, current, and complete disclosure of the financial results of each grant award or program
- Records that identify adequately the source and application of grant funds
- Effective control over, and accountability for, all funds, property and other assets

INSTITUTION acknowledges that funding awarded under this grant is subject to all applicable federal and state laws and regulations in addition to the provisions herein Section II – Funding Information.

INSTITUTION acknowledges that it has reported planned uses for the funding and will not substantially deviate from the program approved and as indicated within the attached Computer



Science Professional Development Program Grant Application 2016 submitted to ADE by
INSTITUTION

INSTITUTION will not use any grant award funds to either forward fund or reimburse program participants for any PRAXIS fees; INSTITUTION will direct participants that are seeking licensure endorsement to use the ADE CS PRAXIS Reimbursement Form found at <http://goo.gl/yHWjFF>.

INSTITUTION will insure, prior to any participant receiving a stipend as allowed under this MOU, that participant must satisfy one of the following requirements on or before June 1, 2017:

- for classroom educators completing a K-8 focus program must take part in follow-up opportunities for one school year through which they demonstrate proper CS embedding within their classes and support of other educators within their school and/or district. (maximum stipend amount of \$1,250.00)
- for district or school level educators completing a K-8 focus program must take part in follow-up opportunities for one school year through which they demonstrate how they are supporting broad classroom integration of the CS embedded standards through ongoing and meaningful professional development. (maximum stipend amount of \$1,250.00)
- for classroom educators completing the 7th/8th Grade Coding Block focus program must successfully instruct students in the 7th/8th Grade Coding Block standards and demonstrate support of other educators within their school and/or district in the 7th/8th Grade Coding Block standards and the embedded K-8 Computer Science Standards. (maximum stipend amount of \$1,500.00)
- for district or school level educators completing the 7th/8th Grade Coding Block focus program must take part in follow-up opportunities for one school year through which they demonstrate how they are supporting district-wide or school-wide implementation and instruction of the 7th/8th Grade Coding Block and the embedded K-8 Computer Science Standards through ongoing and meaningful professional development. (maximum stipend amount of \$1,500.00)
- for any individual completing an approved professional development offering focused on preparation to pass the assessment necessary to gain an ADE Computer Science Endorsement or provisional license for non-traditional programs must be successful in attaining the ADE Computer Science Endorsement (or ADE Provisional License in Computer Science) and supporting the instruction of one or more of the approved Act 187 courses through either a face-to-face or hybrid instructional model for the 2016-2017 school year. (maximum stipend amount of \$1,750.00)

INSTITUTION and participant will ensure that acceptance of any stipend is allowed under all applicable laws and rules, including district policy, prior to stipend award.

If the INSTITUTION fails to comply with any of the terms of the grant award, whether stated in a federal statute or regulation, an assurance, a state plan, application, grant award notification, or elsewhere, ADE may take one or more of the following actions:



- Temporarily withhold payments pending correction of the deficiency by the grant recipient;
- Disallow or deny both use of funds and matching credit for all or part of the cost of the activity or action not in compliance with the grant;
- Wholly or partly suspend or terminate the grant award;
- Withhold further awards for the grant program; or,
- Take other remedies that may be legally available

Section V – Reporting

INSTITUTION will complete and submit with each reimbursement request an ADE Grant Budget/Expenditure Report and Budget Narrative found at <http://goo.gl/forms/1ed8hVU4x5>. Reimbursement funds will not be released to INSTITUTION until the requisite Grant Budget/Expenditure Report and Budget Narrative is submitted.

INSTITUTION will report to the ADE grant coordinator for this grant a list, in .xls file format, of all participants on July 1, 2016 and June 30, 2017 and include the following participant information:

- First and Last Name
- Arkansas Educator Licensure System Case ID – available at <https://goo.gl/gDI4hl>
- Official Email Address
- Employing LEA
- Current Licensure Codes – *same cell, comma delimited*
- Grades Currently Teaching – *using grade bands K-2, 3-5, 6-8, 9-12*
- Percentage of program competition – *INSTITUTION determined*
- Number of scheduled PD hours, as part of this MOU, in which participant was expected to participate
- Number of scheduled PD hours, as part of this MOU, in which participant has actually participated
- Amount of any stipend awarded to participant – *N/A for July 1, 2016 report*

Section VI – Failure to Comply

ADE reserves the right to revoke a grant award for reasons including but not limited to the following:

- Noncompliance with the specified purpose of the grant award
- Failure to account for grant funds in accordance with standards for financial management, to retain proper documentation for grant expenditures, or to provide information to auditors or program monitors
- Failure to provide accurate, timely, and complete information as requested by ADE to evaluate the effectiveness of the grantee



Section VII – Other Assurances

Administration of the program, activities, and services facilitated by the funding awarded within this MOU will be in accordance with all applicable state and federal statutes and regulations.

INSTITUTION will evaluate its program semiannually to assess its progress toward achieving its goals and objectives and use its evaluation results to refine, improve, and strengthen its program and to refine its goals and objectives as appropriate.

INSTITUTION will provide ADE representatives, and/or other state agency representatives, reasonable access to the campus and classrooms where programs and/or activities facilitated by grant funds awarded under this MOU.

INSTITUTION must disclose, in a timely manner, in writing to ADE all violations of criminal law involving, but not limited to fraud, bribery, or gratuity violations potentially affecting the grant recipient. Failure to make required disclosures can result in any of the actions described in the **Failure to Comply** section.

INSTITUTION will select and utilize a system of participant selection that is impartial and does not exclude, based on district of employ or federally protected class, any ADE Licensed Arkansas Educator.

INSTITUTION must disclose in writing any potential conflict of interest between the recipient and ADE employees. In addition, all grant recipients that receive in excess of \$25,000 will be required to complete the **“Contract and Grant Disclosure and Certification Form.”**

Section VIII – Commingling of Funds

INSTITUTION must not deposit or record funds in a general account without the ability to identify each specific source of funds for any expenditures, which is known as commingling of funds. Funds from each Federal, State, local, and private funding source must be identified with a clear audit trail for each source. The accounting systems of all grant recipients must ensure that grant funds are not commingled with funds from other State or Federal agencies or private entities. Funds specifically budgeted and/or received for one project may not be used to support another

Section IX – Record Retention

Financial records, supporting documents, statistical records and all other records pertinent to the grant award shall be retained by the grant recipient for four years following the end of the grant award performance period. The retention requirement extends to books of original entry, source documents supporting accounting transactions, the general ledger, subsidiary ledgers, personnel and payroll records, cancelled checks, and related documents and records.

- Source documents include paper or electronic copies of all grant awards, applications and required financial and narrative reports.



- Personnel and payroll records shall include the signed time and attendance reports for all individuals included in the project, whether they are employed full-time, part-time, or on a volunteer basis.
- Time and effort reports are required for employees with grant-funded salaries.

Grant recipients must further agree to permit access to these records to ADE program or fiscal staff, or any of their authorized representatives, as needed for monitoring purpose.

Section X – Carryover of Grant Funds

All encumbrances/obligations shall occur on or between April 1, 2016 and June 30, 2017.

INSTITUTION must receive the benefit and liquidate all obligations incurred under the grant award no later than June 30, 2017

If the grant recipient has not obligated all of its grant funds by June 30, 2017, any unexpended grant funds will be requested for return to ADE.

Johnny Key, Commissioner of Education
Arkansas Department of Education

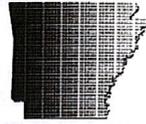
Date

INSTITUTION Authorized Representative
Printed Name

INSTITUTION Authorized Representative
Title

INSTITUTION Authorized Representative
Signature

Date



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Johnny Key, Commissioner of Education
Arkansas Department of Education

Date

Monica Morris

INSTITUTION Authorized Representative
Printed Name

INSTITUTION Authorized Representative
Signature

Teacher Center Coordinator

INSTITUTION Authorized Representative
Title

04 / 25 / 2016

Date

#15

**COMPLETE****Collector:** Web Link 1 (Web Link)**Started:** Thursday, February 25, 2016 5:26:03 PM**Last Modified:** Thursday, February 25, 2016 6:59:42 PM**Time Spent:** 01:33:38**IP Address:** 206.255.191.206**PAGE 1: General Information**

Q1: Organization Name	Southwest Arkansas Education Cooperative
Q2: Organization Type	Arkansas Educational Service Cooperative
Q3: Organization LEA (if applicable)	29-20
Q4: Organization Mailing Address (Line 1)	2502 South Main Street
Q5: Organization Mailing Address (Line 2) - optional	<i>Respondent skipped this question</i>
Q6: Organization Mailing Address (City)	Hope
Q7: Organization Mailing Address (Zip Code)	71801
Q8: Contact Person (First Name)	Monica
Q9: Contact Person (Last Name)	Morris
Q10: Contact Person (Email Address)	monica.morris@swaec.org
Q11: Contact Person (Telephone XXX-XXX-XXXX)	870-777-3076
Q12: Contact Person (Title)	Teacher Center Coordinator

PAGE 2: Program Focus Selection

Q13: Please select a program focus for this application (NOTE: each organization may submit a separate application for each focus area for which they wish to offer)	7th/8th Grade Coding Block and Embedded K-8 Computer Science Standards
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PAGE 3: Program Information

Q14: Provide a program description. Be certain to provide information related to the curriculum, content guide, and materials to be utilized

Program Description

The program goals are:

- to build capacity within our cooperative in order to support computer science
- to provide support and guidance to all classroom teachers during this implementation
- to provide support to teachers that already display a more in depth knowledge of computer science and are ready for

Computer Science Professional Development Program Grant Application 2016

- to provide support to teachers that already display a more in depth knowledge of computer science and are ready for furthering their professional growth
- to provide building administrators with computer science information and ways they can support teachers during this implementation process
- to develop a platform in which the standards and other resources will be housed for easy access

Phase 1: Beginning in the spring of 2016, all cooperative content area specialists, technology coordinator, career and technical coordinator, gifted and talented coordinator and teacher center coordinator will spend 2-3 days working with Harry Dickens to begin building a crosswalk of Arkansas standards and the new K-8 Computer Science Standards. This crosswalk will be a working document for the upcoming 2016-17 school year. During this work, specialists and coordinators will develop specific examples/concepts to share with educators attending professional development sessions around content such as math, science, literacy, etc. These sessions will not be exclusive to computer science, merely, sharing a few ideas as to how teachers can develop an understanding of ways to highlight computer science concepts in their content.

Note: Specialists and coordinators will approach each session with the understanding that a large percentage of classroom teachers will not have any knowledge that these computer science standards exist or that they will be required to embed them in their content. This awareness will be addressed in phase 2.

Phase 2: Beginning June 1, 2016 the SWAEC specialists and coordinators will begin conducting 2-hour professional development sessions with all K-8 teachers from the SWAEC member districts. These sessions will be an introduction to the standards, along with small group grade levels and/or content areas which will allow time for teachers to brainstorm more examples of how they can highlight the computer science concepts in their classrooms. These examples will be added to the crosswalk when appropriate. During these sessions there will be time for teachers to share ideas and develop a plan for the 16-17 year. Building administrators and other support staff will be encouraged to attend. All K-8 teachers will be given a bound copy of the standards during this session.

Also during this phase there will be professional development offerings scheduled from those K-8 teachers that are ready for "next steps". There will be a minimum of five sessions to assist these teachers. The teacher center coordinator will schedule these sessions. The session are as follows:

Coding Across the Curriculum, K-2
Coding Across the Curriculum, 3-4
Coding in Math and Science for Grades 5-8
Coding in Literacy and Social Studies for Grades 5-8
LEGO Mindstorm Robotics
Code.org (2 sessions)

The sessions will include resources such as: Tynker, Scratch, Code.org, etc.

Participants will also be given resources such as a sphero, Little Bits, Raspberry Pi, LEGO Mindstorms, Makey Makey Kits, etc. to use in their classrooms. The resource will depend on the session.

On July 25, 2016, SWAEC will host an Administrator Institute for all administration. There will be a short overview of the standards and suggestions on how they can support teachers during this implementation phase. The teacher center coordinator will be responsible for providing this information or coordinating with someone from ADE to provide this information.

Note: These sessions will be specifically designed to build the foundation for K-8 computer science. The focus will be to encourage initial steps of implementation before the required implementation in 2017-18.

For the teachers teaching the 7th/8th grade coding block we will provide 2 professional development sessions. These sessions will prepare teachers to effectively teach the 7th/8th grade coding block to be implemented in 2017-2018. We will be using the Arkansas Computer Science Standards and all participants will receive a copy of the standards document. We will break apart the Standards to determine what is already being taught and what skills need to be taught. We will be using several programs including MIT App Inventor and Eclipse to create, analyze, test and debug programs in Java. The two presenters leading this session will be Tammy Glass and Gerri McCann. These teachers are already implementing coding in their classrooms.

Phase 3: Beginning in the 2016-17 school year, content specialists will continue to support teachers with an increased focus on the crosswalk. They will also continue the conversations from the phase 1 and phase 2 sessions. This phase consists solely of support and continued professional growth in the area of computer science. The crosswalk will continue to be updated during the school year and shared with all teachers. The teacher center coordinator will be responsible for continuing these conversations with all administrators during meetings, monthly updates, articles, etc.

Q15: If your organization plans to contract with an outside vendor/provider to provide professional development, provide the name and website URL for that vendor/provider. (N/A for not applicable)

N/A

Q16: Provide a schedule for the program. Be certain to include the days, times, and number of hours that the sessions are to meet.

Phase 1:

April 8 and May 6- Harry Dickens will work with cooperative specialists and coordinators

*the 3rd day will be scheduled at a later date if needed

Phase 2:

-June 1, 2016- August 12, 2016 with summer professional development sessions offered by content specialists and co-op coordinators.

-June 1, 2016- August 12, 2016 2 hour PD sessions with K-8 teachers from the Blevins, Fouke, Genoa, Hope, Lafayette, Nevada, Prescott, Spring Hill, Texarkana will be scheduled on an individual district/school basis.

-Coding Across the Curriculum (K-2) - TBD (summer 16)

-Coding Across the Curriculum (3-4) - TBD (summer16)

-Coding in Math and Science (Grades 5-8) - TBD (summer 16)

-Coding in Literacy and Social Studies (Grades 5-8) - TBD (summer 16)

-LEGO Mindstorm Robotics- June 21, 2016

-Code.org (K-8) - June 21, 2016 and August 2, 2016

-Administrator Institute (Computer Science 1 hour overview)- July 25

-7th/8th grade Coding Block w/ Tammy Glass and Gerri McCann (x's 2)- TBD (summer 16)

Phase 3:

2016-2017 School Year - Cooperative staff will continue to work as needed with teachers, grade levels, and/or schools to implement the computer science standards.

2016-2017 School Year - Cooperative staff, along with K-8 teachers, will continue to work on the Computer Science Crosswalk.

Q17: Provide a detailed plan to document evidence of program performance and success of the participants including all required and requested reporting.

Each session will have sign-in sheet and at the end of every session participants will be asked to complete an evaluation of the training. Each session will be documented with pictures and/or video of participants and work from the sessions. The platform (Google Site possibly) will be evidence which will include the crosswalk, pictures, resources, computer science updates, etc. The project manager will be required to provide and turn in all requested and required reports.

Q18: Provide the qualifications required for all staff and instructors. If a project manager or director can be identified, please do so at this time.

All staff and instructors will be licensed educators with an understanding of the K-8 computer science standards and knowledge of how to implement these standards in the classroom. All staff and instructors already have a deep understanding of their content standards and curriculum.

Monica Morris will be the project director.

PAGE 4: Program Budget

Q19: Total Grant Amount Requested 51800.0

Q20: Grant Forward Funding Requested in Dollar Amount (maximum of 50% of total proposed grant) - NOTE: organization will be required to return all unused or excess funding once program completion information is submitted. 50% requested: \$25,900

Computer Science Professional Development Program Grant Application 2016

Q21: Proposed Cost Per Participant 160.0

Q22: Estimated Number of Participants 777.0

Q23: Summary of the Program's Proposed Budget

Funding for phase 1 includes: \$275 for round trip travel to each K-8 building housed in SWAEC; \$4,725 to provide a hard copy of standards to each K-8 teacher; \$500 for charts tablets, markers and post it notes to use in training; and \$1,300 to pay Harry Dickens to facilitate computer science overview and crosswalk training with co-op specialists. The total for phase 1 is \$6,750.

Funding for phase 2 includes: \$1,800 to cover the trainer costs for the (4) K-8 content coding training sessions to be held at the co-op; \$1,250 for meals at these trainings; \$25,000 for equipment to be given to the 100 K-8 coding participants such as a Makey Makey kit, Sphero, Raspberry Pi; and \$4,000 for the 4 reviewers to monitor the platform. This phase also includes \$7,700 for the 22 participants attending the LEGO Mindstorm training to receive the LEGO Mindstorm Kit. An additional \$2,175 is to be paid to the trainers conducting the 2 day 7th-8th grade coding training, \$625 for meals for the coding session and \$4,500 for equipment such as an Android tablet. The total cost of phase 2 is \$45,050. The grant request of \$51,800 comes from the total of phase 1 (\$6,750) and phase 2 (\$45,050).

Q24: Completer Individual Stipend Amount (if applicable) *Respondent skipped this question*

Q25: Total Amount Allocated for Participant Stipends (if applicable) *Respondent skipped this question*

PAGE 5: Assurances and Certification

Q26: WE, THE UNDERSIGNED, CERTIFY that the information contained in this application, is complete and accurate to the best of our knowledge; that the necessary assurances of compliance with applicable state and federal statutes, rules, and regulations will be met; and, that the indicated organization designated in this application is authorized to administer this grant. WE FURTHER CERTIFY that the assurances listed above, have been or will be satisfied and that all facts, figures, and representations in this application are correct to the best of our knowledge. Yes

Q27: First and last name of the authorized Representative certifying this application on behalf of the organization. Monica Morris

Q28: Title of authorized Representative certifying this application on behalf of the organization. Teacher Center Coordinator

Subject: Re: CS Computer Science Grant MOU

Date: Friday, April 8, 2016 at 3:07:43 PM Central Daylight Time

From: Monica Morris

To: Anthony Owen (ADE)

CC: Traci Boyd (ADE), Phoebe Bailey

In Phase 2, the application states a minimum of 5 sessions of professional development will be conducted. However, the sessions listed includes 7 sessions as listed below

We have plans for 7 sessions. However, as you know sometimes sessions don't make so we had to put all 7 as a definite. We are very hopeful that all 7 sessions will make.

Coding Across the Curriculum, K-2 - 6 hour session for K-2 teachers ready for next steps, these teachers are already doing some coding activities in the classroom

Coding Across the Curriculum, 3-4 - 6 hour session for 3-4 teachers ready for next steps, these teachers are already doing some coding activities in the classroom

Coding in Math and Science for Grades 5-8 - 6 hour session for 5-8 teachers ready for next steps, these teachers are already doing some coding activities in the classroom

Coding in Literacy and Social Studies for Grades 5-8 - 6 hour session for teachers ready for next steps, these teachers are already doing some coding activities in the classroom

LEGO Mindstorm Robotics - 6 hour session (LEGO presenter, Co-op Science Specialist)

Code.org (2 sessions) 2- 6 hour session (Joel Spencer is the trainer)

Are there 7 sessions or 5 sessions? hopefully 7...we are confident 5 will make

Question 16, it is again unclear regarding the number of sessions in Phase 2. Are the June 1, 2016- August 12, 2016 two separate sessions as listed below or one?

-June 1, 2016- August 12, 2016 with summer professional development sessions offered by content specialists and coop coordinators. These sessions are currently scheduled (existing ADE modules that our literacy/math/science specialists offer every summer). We are asking that our specialists incorporate 2-3 correlations of the state computer science standards to the content being presented. For example a literacy specialist is offering a writing module in which they discuss sequence of events. In this session they would have the opportunity to also discuss algorithms (steps in a process) and how this is also part of computer science. There will not be any cost associated with these trainings other than the cost of the trainings to prepare the specialists.

-June 1, 2016- August 12, 2016 2 hour PD sessions with K-8 teachers from the Blevins, Fouke, Genoa, Hope, Lafayette, Nevada, Prescott, Spring Hill, Texarkana will be scheduled on an individual district/school basis. Each of our nine districts are scheduling 2 hour sessions for K-8 teachers to take place before school starts in August. In these sessions K-8 teachers will be introduced to the new standards. We will also begin building/creating a crosswalk electronic document for these teachers to use. This crosswalk will be updated throughout the school year. The crosswalk will be a document which consists of, for example, a 2nd grade math standard and how it correlates with a specific CS standard and examples of how this might be taught in the classroom. This will include approx. 630 teachers.

How many hours of instruction are being provided by each session listed on question 16? see above

Where is the number of participants coming from? I see 777 total participants listed. How many participants are in Phase 1 and how many are Phase 2? Please provide a breakdown.

Phase 1 includes 9 cooperative staff:

Phoebe Bailey, Director
Monica Morris, TCC
David Henderson, Technology Coordinator
Dana Ray, GT Coordinator
Floyd Morris, CTE Coordinator
Kelly Cornelius, Literacy Specialist
Debbie Propps, Math Specialist
Judy Harris, Literacy Specialist
Terri Kennedy, Science Specialist

We do not have any one person to provide CS training so our committee decided if the standards are to be embedded then the best thing for us to make sure every content area understands how CS correlates with their content.

When we submitted the grant, we were not able to attach our budget- so sorry for the confusion. For the budget items below, please see the attachment:

CS Grant funding

The proposed cost per participant does not appear to be correctly calculated on p.12. For 777 participants at a total grant award of \$51,800, the participant cost would be \$66.6667 not \$160.00. Which is correct?

The Summary of Program's Proposed Budget does not contain sufficient description for the budget items. Provide grant budget by line item that totals the amount of the grant request. Budget narrative should explain in detail what will be purchased with grant funds. Please provide a breakdown of the expenses with calculations and amounts.

The following budget items need more detailed information:

Phase 1:

\$275 round trip travel for each K-8 building – How many buildings are being visited, mileage calculations?

\$4,725 to provide a hard copy of standards to each K-8 teacher – How many teachers, per teacher amount?

(Additional statement from Anthony- This saddens me that we are printing hard copies of standards; I hope we can move away from this practice as a state) **We agree, however, our schools always request printed copies.** 🙄

\$1,300 to pay Harry Dickens to facilitate computer science overview and crosswalk training with co-op specialists – Is this for 2 days of training or more? Please give a daily amount and are there any fringe benefits or meals included in this amount?

The total cost of Phase 1 is listed as \$6,750 in the proposal but is actually \$6,800. The amounts listed in the proposal must match in total. Please revise and correct, as necessary.

Phase 2:

\$1,800 to cover the trainer costs for the (4) K-8 content coding training sessions to be held at the co-op – How many trainers does this cover? Please provide a daily trainer cost amount.

\$1,250 for meals at these trainings – How many participants are being provided meals, which training sessions are they attending and how much is the amount per participant for meals?

\$25,000 for equipment to be given to the 100 K-8 coding participants such as a Makey Makey kit, Sphero, Raspberry Pi – Who are the 100 participants receiving equipment? It is unclear which participants we are talking about as the number of participants is listed as 777. I need to obtain a breakdown of the equipment provided with

a per item cost.

\$4,000 for the 4 reviewers to monitor the platform – When is this occurring? Who is reviewing the platform? [Monica Morris will keep everything updated and running. Tammy Glass and Harry Dickens, along with Monica will review items added to the platform. David Henderson may also be used.](#)

\$7,700 for the 22 participants attending the LEGO Mindstorm training to receive the LEGO Mindstorm Kit – Per participant cost is \$350 per student? [22 attendees X \\$350 = \\$7700](#)

An additional \$2,175 is to be paid to the trainers conducting the 2 day 7th-8th grade coding training – Is this for just trainer fees for 2 days? [\\$800 per training x 2 trainers = \\$1,600; mileage \\$275; trainer meals \\$50; hotel \\$250 for total cost of \\$2175](#)

\$625 for meals for the coding session – How many participants in this session and amount of meals to be provided? [25 participants x \\$12.50 meal cost = \\$312.50 a day for total meal cost of \\$625](#)

\$4,500 for equipment such as an Android tablet – Such as an Android tablet? Who is being provided with a \$4,500 Android tablet? (Statement from Anthony – I am unaware of an Android tablet that costs \$4500.00) At a minimum, they are going to have to provide a listing of the equipment with amounts for each type of equipment. [This session is being offered by Tammy Glass \(Business teacher at Spring Hill\). She requested an android tablet for each participant. The \\$4500 is not the correct amount. This was a typo!! The correct amount was \\$2500- \\$100 per 25 participants.](#)

The total cost of Phase 2 is listed as \$45,050 in the proposal but is actually \$47,050. The amounts listed in the proposal must match in total. Please revise and correct, as necessary. [This has been corrected- see above: Android item: typo](#)

The grant request listed in the budget is \$51,800 but is actually \$53,850. The amounts listed in the proposal must match in total. Please revise and correct, as necessary. [\\$51,850](#)

Please send your reply/revised budget to both myself and Traci (carbon copied)

[If you have any questions, please let me know. I think we have answered the questions asked above.](#)

Thanks,

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Interested in the Arkansas Computer Science Initiative? Follow me on twitter @AnthonyOwenADE<<https://twitter.com/AnthonyOwenADE>> and sign up for the Computer Science listserv at <http://goo.gl/forms/FqGJ2CtXe1>.

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Total Funds requested:	\$51,800.00													
request 50% of total a	\$25,900.00													
in 21 do a phase 1 cost per person and a phase 2 per person. Phase 1 would be total cost (6750) divided by total # teachers (630) which is equal \$10.71. Phase 2 would be total cost (45,050) divided by 147 participants which is equal to \$306.46.														
in 22 phase 1 is total # K-8 teachers (630) and phase 2 is 147														
23 would be the data listed in the first 11 rows														