Nevada Department of Education Questions

Question	Our Answer
Is the funding going to be administered as a regular reimbursement grant? If not, instructions on how we request the funds, whether we need to send a budget to somebody or have local control. When are the funds going to be released?	Grants contact person: Sondra Neudauer NDE CS Contact: Cindi Chang FY 18 Process: Funding was allocated and sent out to Clark, Washoe, and rural/charters in December, 2017. Expenditures must be pre-approved by the EPP at NDE prior to any purchasing and a budget/narrative plan must be submitted. Once approved, and purchases have been made, then a Request for Funding form must be submitted to the Grants contact person so that reimbursement may be made. All expenditures must be completed by June 30, 2018. FY 19 Process: Beginning of April, 2018 - Applications for rural/charters go out. End of April, 2018 - Rural/charters applications due to EPP at NDE, including budget and narrative; Clark & Washoe budget and narrative due to EPP at NDE May, 2018 - Awards sent to districts/charters June, 2018 - Districts may begin submitting funding requests for approval to EPP at NDE July, 2018 - Approved expenditures may begin and RFA forms may be submitted to Grants and EPP. June 30, 2019 - End of allocation period
Are teacher education programs throughout Nevada informing the graduates of this new requirement for 2018?	Processes are being put in place to inform change in the teacher education programs at the NSHE level.
Is there going to be a requirement for teacher re-certification to have a course in this? What are the licensing requirements to teach CS?	Licensing regulation updates are in progress. Elementary teachers will have no additional licensing or endorsement.
What about homeschooled students?	We encourage all students in Nevada to study computer science and computational thinking following the approved K-12 Computer Science Standards in order to

Question	Our Answer
	provide them with the necessary skills to ensure future success in a career path of their choice, virtually all careers. However, the educational plan of a homeschooled student is up to the child's parent inclusive of the subject areas listed in NRS 388D.050.
Who is part of the CS sub committee	[Computer Science subcommittee members]
Is Computer Science part of STEM?	The STEM Education Act of 2015 expanded the definition of STEM - science, technology, engineering, and mathematics - to include computer science. [STEM Education Act of 2015]
How will the "CS for All" piece be measured, particularly in the elementary schools?	Presently, measures of CS education in all grade levels consist of administrative supervision, to include teacher lesson plans and classroom observation. Future measurements will be developed at the state level.
How will this measurement affect schools' accountability?	The first step in the process was to develop approved K-12 Computer Science Standards. Professional development of teachers is the next highest priority to ensure broadened implementation of computer science and computational thinking at all grade levels. Computer science is everywhere. The goal is to give our students the necessary skills in computational thinking, critical thinking and problem solving that are found in both technical and non-technical career paths. All industries require aptitude in approaching complex problems, breaking them into smaller, manageable pieces, and finding solutions in a logical manner. Measurements to determine effective instruction and learning are under consideration.
I'm a NR21 school. How does this fit with my 1:1 program?	NCLabs has software available on the NR21 schools. Please contact [Pavel Solin] for more information about training and support. There are many other computer science education resources available to support your NR21 schools. Please visit [STEMHub website - CS pages] for additional resources.

Question	Our Answer
Do we know what the percentage of instructional time will be required for CS in the current ½ credit courses?	50% instruction on productivity tools and other computer technology usage 50% on computer science and computational thinking
Are the Computer Science standards that are in draft on the NDE website going to be merged with the Computer Technology standards on the website or will they still be considered separate standards/areas?	The 2010 Computer Technology standards that are currently on the NDE website are up for revision this year. The writing team that will be assembled will make the determination to either merge the two or keep them separate. Both the *Computer Technology* standards (usage) and the *Computer Science* standards (creation) are under the "umbrella" called **Computer Education and Technology**.
If a ½ CS credit is already a graduation requirement, how will the requirement for all high schools to offer a CS course by 2022 need to be different?	The ½ credit graduation requirement is 50% productivity tool instruction and 50% computer science (CS) and computational thinking (CT). There is not enough time in that 50% (CS/CT) to cover the high school computer science standards. High schools have until 2022 to offer a course that would satisfy those 9-12 CS standards - such as Computer Science Principles, CS CTE courses, or others that will be approved in the future.