



Advanced Placement (AP) Computer Science Principles (CSP)

Learning Acceleration Support Opportunities
(LASO) Cycle 3

Date

Welcome and Thanks for Joining Today!



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Agenda

Overview of LASO Cycle 3
Application Process and Timeline

APCSP Deep Dive

Next Steps

FYIs



Submit questions during the webinar using the Zoom Q&A



Webinar slides and recordings will be posted on the [LASO Cycle 3 website](#) after all webinars have been completed



Email LASO@tea.texas.gov with follow-up questions



Overview of LASO Cycle 3 Application Process and Timeline

AP Computer Science Principles (APCSP) is a part of Learning Acceleration Support Opportunities (LASO) Cycle 3

The Learning Acceleration Support Opportunities (LASO) Cycle 3 is the next iteration of a consolidated grant application that strategically batches funding opportunities that support learning acceleration and innovation opportunities.

**\$160
Million**
in services and
supports

11

TEA initiatives to
support learning
acceleration and
innovation

1

LEA program
application to
access funding



LASO is a consolidated grant application to support key learning acceleration strategies



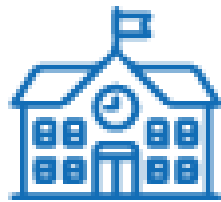
Curriculum and Instruction

Rigorous, high-quality instructional materials designed to make up ground and master grade level TEKS



More Time

More time for the students in most need, including expanding instructional time in the summer and with targeted tutoring



Innovative School Models

Innovative school models to incorporate all of the learning acceleration framework



LASO Cycle 3 will award ~\$160M to LEAs

Includes 11 grants to support learning acceleration



Curriculum & Instruction

Strong Foundations Planning

Strong Foundations Implementation

SFI School Improvement PLC Supports

Instructional Leadership

Technology Lending Grant

Blended Learning Grant

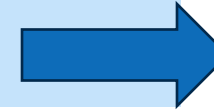
Advanced Placement Computer Science Principles



More Time

ADSY Full Year

ADSY Summer Planning and Execution Program



Innovative School Models

School Action Fund

Early College High School

Pathways in Technology
Early College High School

AP Computer Science Principles (APCSP) High Level Grant Overview

Curriculum & Instruction



Rigorous, **high-quality instructional materials** designed to make up ground and master grade level TEKS

Total Funding Available	\$1.2 Million
Range of Award	Up to \$100,000
Total Grantees	Up to 130 LEAs
Timeline	Ready to Implement for School Year 25-26



Why APCSP?

Why AP Computer Science Principles Is For You (YouTube video)

Research has shown that computer science is the foundation of innovation and represents a high-demand, high-wage career pathway. In 2019, there were 389,000 computing job openings but fewer than 72,000 computer science graduates to fill them. Fortunately, there is evidence to suggest that computer science course offerings in high school may address the labor market shortage.

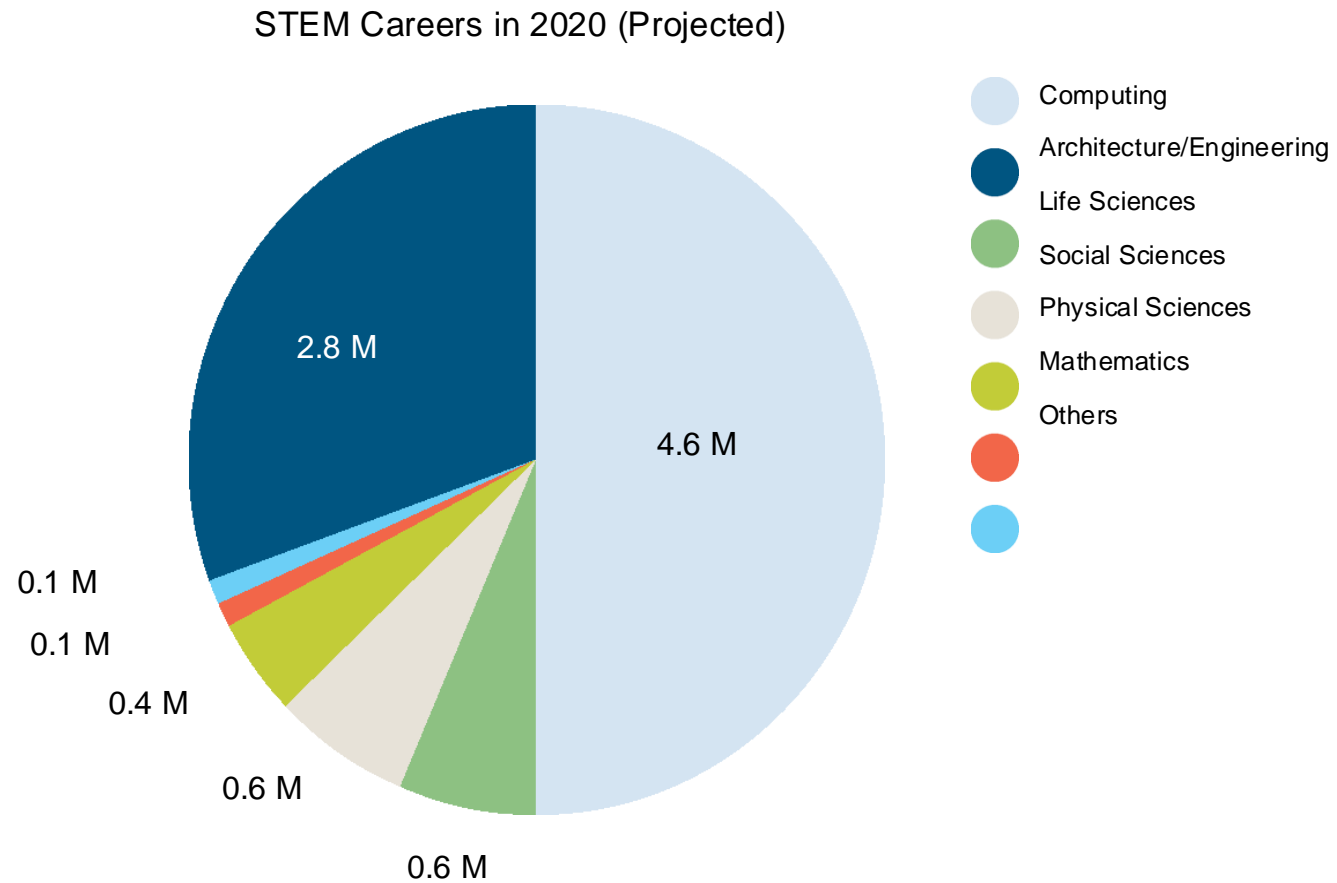
Every 9-12 high school student is eligible for enrollment, however, credit in Algebra is recommended. The course is student-interest centered with a high level of engagement ending with a final project. Project ideas include mobile apps, games, simulations, productivity tools, creative coding art, social media analysis, cybersecurity programs, machine learning applications, website/app prototypes, and assistive technology.

This Grant is a Best Fit for LEAs who are looking for:

- A strategy to increase student AP participation and performance.
- Support for increasing CCMR outcomes.
- Support for building a computer science CTE pathway.
- Support for purchasing equipment and supplies for an APCSP course.
- Support for providing a cost-free AP exam for students enrolled in an APCSP course.
- Support for planning professional development opportunities for APCSP teachers.

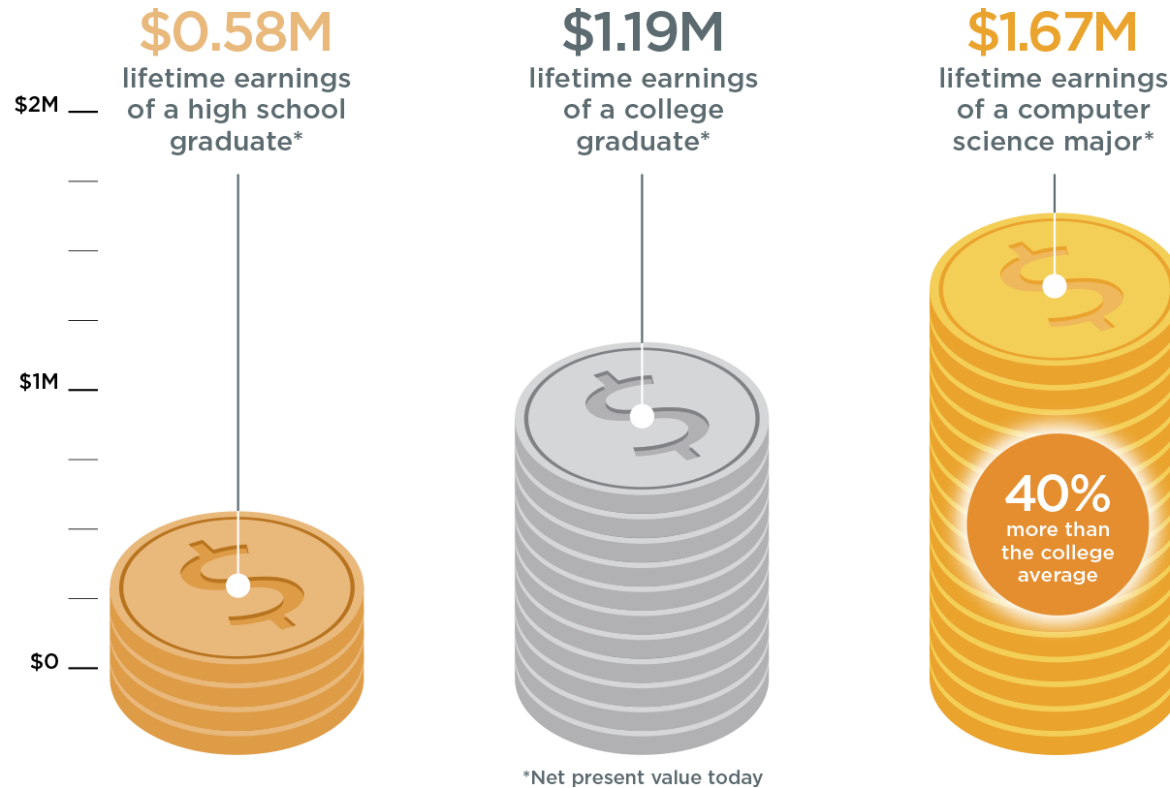
Ever-Increasing Workforce Demand

Of the more than 9 million STEM jobs available by 2020, half will require computing experience.



Source: Bureau of Labor Statistics

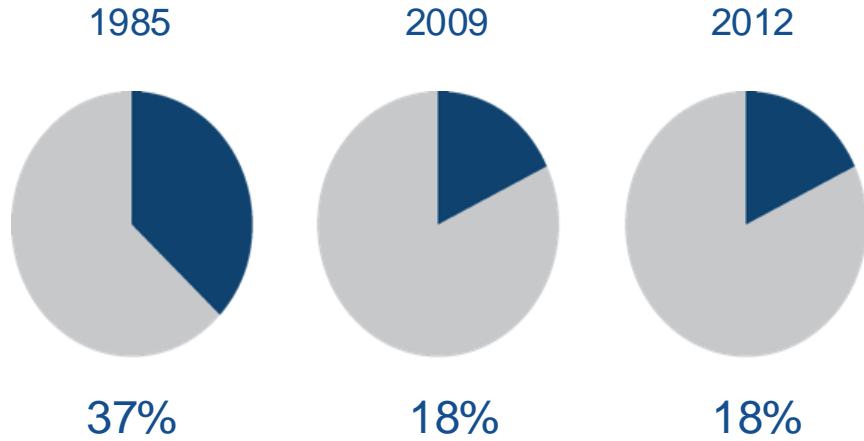
A Computer Science Background Improves Earning Potential



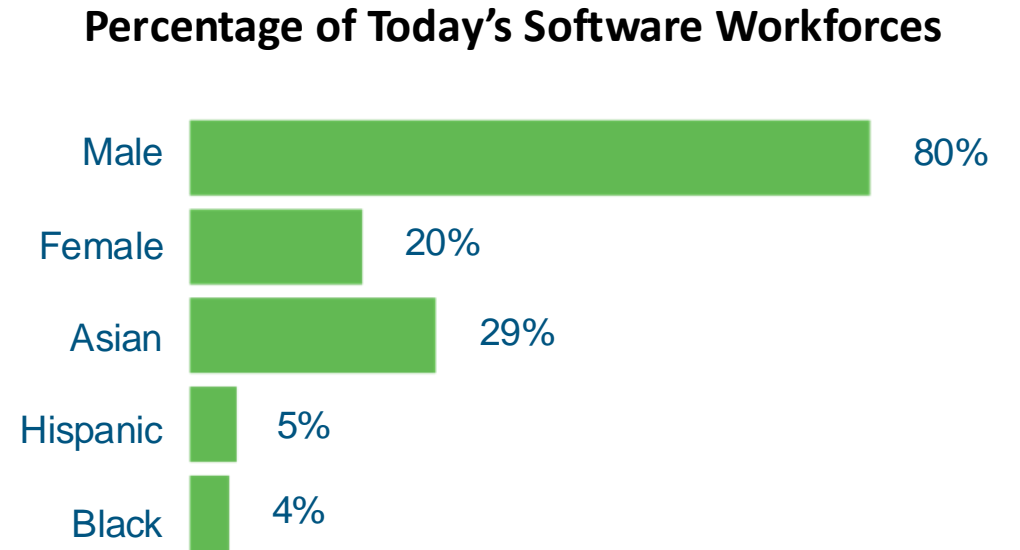
A computer science major can earn 40% more than the college average.

A Shortage of Women and Minorities

The Diversity Challenge



Source: Department of Education



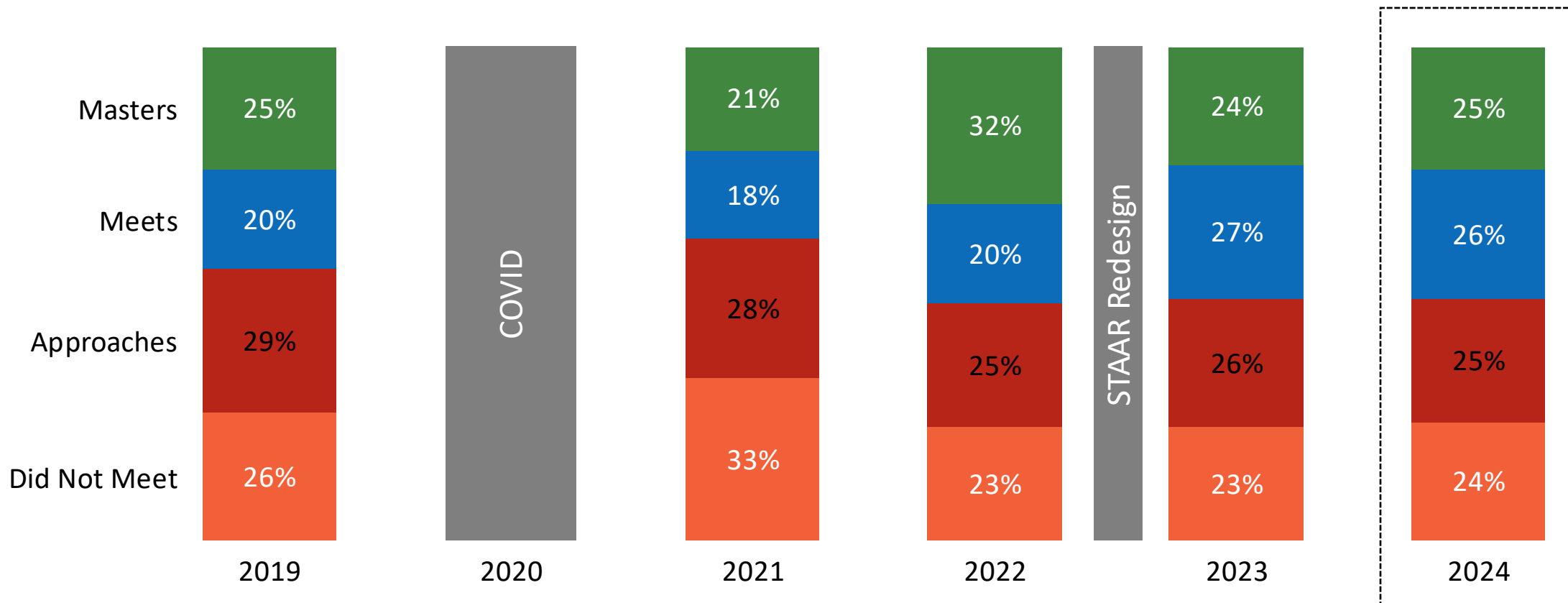
Source: Bureau of Labor Statistics

AP CSP is designed to encourage broader participation in computer science, especially among women and minorities.



Only ~50% of Grades 3-8 students in Texas are reading on grade level

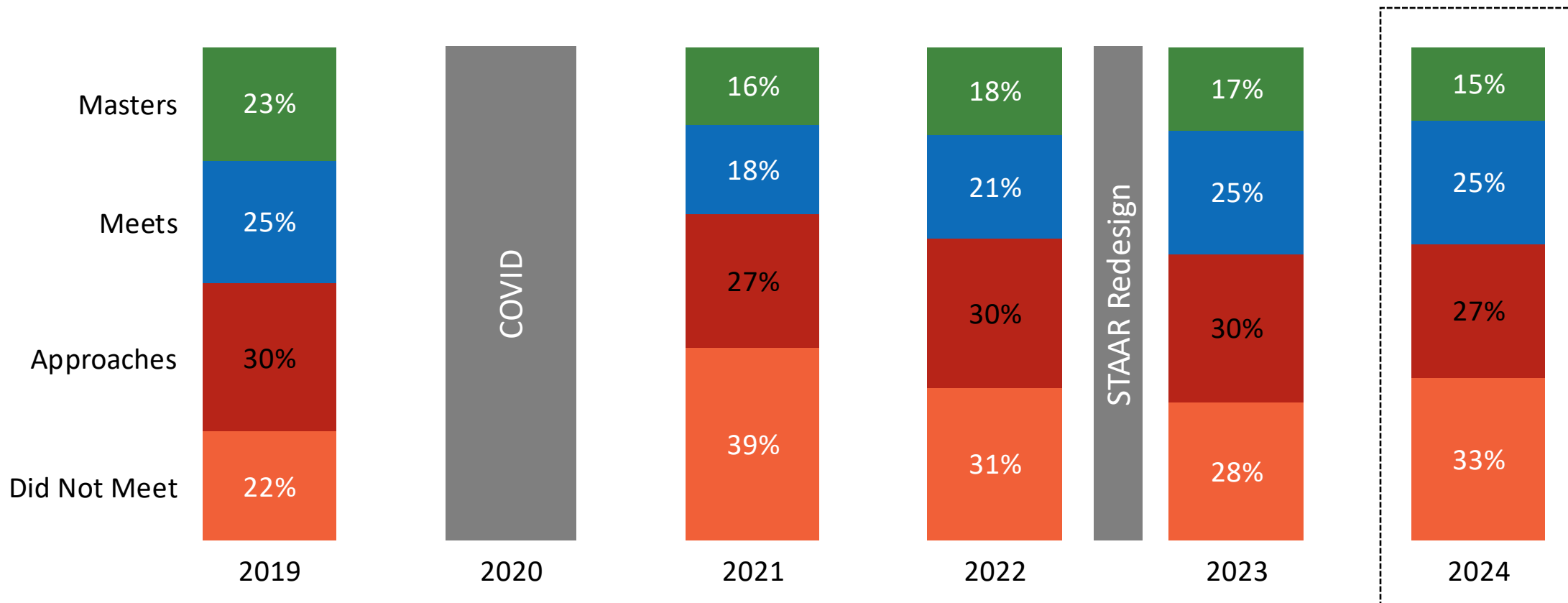
% of Students by Performance Level (RLA Grades 3-8)





Math performance in Texas has not recovered to pre-COVID levels

% of Students by Performance Level (Math Grades 3-8)





AP Computer Science Principles (APCSP) provides support and services that will help improve student achievement

Financial Support

Financial support for APCSP implementation

- Teacher professional development
- Classroom equipment and resources
- Student supplies, travel, and a no-cost AP CSP exam

TEA Staff Assistance

Assistance provided by TEA staff for a collaborative and coordinated approach to facilitating change, building the capacity, as well as developing improved ways of doing things, and ultimately, achieving grant outcomes.

- Open line of communication with TEA staff to provide input, clarify ambiguities, and quickly identify and address problems that come up
- Collaboratively set goals to meet grant and district expectations.
- Marketing and recruiting for teachers and students
- Developing and implementing a new or expansion plan for the district's APCSP program
- Budget planning, completing and submitting forms
- Course enrollment advising and academic support strategies for students
- Planning for a shared services agreement (SSA) with 2 or more schools and/or an ESC to provide shared student instruction and exam preparation.

Communication Resources

Communication resources to share information, facts, and strategies for data-driven decision making

- APCSP Grant Newsletter
- Quarterly APCSP Grant Convenings
- End-of-Semester APCSP Grant Survey



Program Overview

The objectives for the APCSP Grant are to:

- Increase participation and performance of students taking and passing the AP Computer Science Principles (APCSP) course and scoring a 3 or higher on the APCSP exam,
- Increase the number of special population and non-traditional students enrolled in an APCSP course,
- Increase the number of CTE completers taking an AP course,
- Increase the number of students meeting College, Career, and Military Readiness (CCMR) outcomes.

The APCSP grant opportunity allows grantees to achieve these objectives by providing funds for staffing, training, supplies, materials, travel, technology and equipment to plan, implement and sustain an APCSP course.

APCSP Program Overview

Purpose

- The APCSP program introduces students to computer science, covering foundational concepts and the impact of technology.
- It aims to develop leaders, especially from traditionally underrepresented groups, by providing essential tools and multidisciplinary opportunities.
- The APCSP grant provides funds for staffing, training, supplies, travel, technology, and equipment to support the APCSP course.

Eligibility

All LEAs that intend to offer an APCSP course for 2025-2026.

Best Fit For

- Increasing student participation and performance in Advanced Placement.
- Increasing CCMR outcomes for high school students.
- Building a computer science CTE pathway.
- Purchasing equipment and supplies for an APCSP course.
- Providing a cost-free AP exam for students enrolled in an APCSP course.
- Planning professional development opportunities for APCSP teachers.

More information can be found in the [Grant One Pager](#)

More information can be found in the [Eligibility and Prioritization Doc](#)

More information can be found in the [Best Fit Guidance Doc](#)

APCSP Key Commitments

Commitments

- **Planning and Implementation Expectations** | The APCSP course will be published in the 2025-2026 and 2026-2027 course catalogs with enrolled students beginning Fall 2025.
- **Teacher Recruitment and Retainment** | The LEA will recruit teachers for the APCSP course and train them through a College Board approved professional development provider.
- **Course Curriculum and Materials** | The LEA will select an appropriate course curriculum and purchase the necessary equipment, technology and materials needed for student success in the course and on the AP exam.
- **Student support plan** | The LEA will plan and provide the support necessary for students to be successful in the course and on the AP exam, which may include work-based learning opportunities and field trips to explore a career path in computer science.
- **Sustainability plan** | The LEA will plan for continuation of the APCSP course beyond the life of this grant.
- **Evidence of Implementation** | During the grant, LEAs will share data, strategies, and details with TEA in response to a survey each semester.

More information can be found in the [Grant One Pager](#)

Role & Time Commitment

Role	Commitment
Project Manager XX mins; xx per week/month	Districts will identify a qualified and experienced project and program manager/LEA staff member to coordinate planning and implementation of the grant.

More information can be found in the Program Guidelines



APCSP Assurances

- The applicant assures adherence to all Statutory and TEA Program requirements as noted in the Program Guidelines.
- The applicant assures to adhere to all the Performance Measures and provide necessary performance data to TEA upon request.
- The applicant will provide the APCSP exam to course-enrolled students free of charge.

More information can be found in the Program Guidelines

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Provider Supports

The College Board has identified and endorsed providers for APCSP based on the following criteria:

- complete curriculum
- preapproved syllabi
- lesson plans
- instructional supports
- delivered by expert education organization
- thorough review conducted by external consultants
- professional development to prepare teachers, whether experienced or new to computer science



Current Providers

- A+ College Ready
- AIQ
- Apple: Develop in Swift
- Barobo
- Beauty & Joy of Computing (BJC)
- Cobi
- Code.org
- CodeCombat
- CodeHS
- CodeTrain
- College Board
- CompuScholar
- CS50
- Georgia Institute of Technology
- Hello World
- Kira Learning
- Microsoft MakeCode
- Minecraft Education + Microsoft MakeCode
- Mobile Computer Science Principles (Mobile CSP)
- NJCTL
- Project Lead The Way (PLTW)
- Project STEM
- Rex Academy
- Skill Struck
- Tynker
- Urban Arts
- UTeach



Resources

- The **State Approved Provider List** document provides details and contact information for each approved partner.
- The [SAPL webpage](#) provides additional context and links to LEA provider information.
- If you have any questions or concerns, please email sapl@tea.texas.gov.



Advanced Placement (AP) Computer Science Principles (CSP) Deep Dive

AP Computer Science Principles (APCSP) Application Walkthrough

Advance Placement (AP) Computer Science Principles (CSP)

Program Description:

The AP CSP grant is offered to increase Advanced Placement course offerings on high school campuses within districts across the state, increase the number of students meeting College, Career, and Military Readiness (CCMR) outcomes, increase participation and performance of students taking and passing the AP CSP exam, increase in the number of CTE completers taking an AP course, increase the number of special populations and non-traditional students enrolled in an AP CSP course and prepare students to succeed in computer science related professions. This grant opportunity allows an LEA to achieve this by providing funds for staffing, training, supplies, materials, contracts, travel, technology and equipment to plan, implement and sustain an AP CSP course.

Click [### here ###](#) to read detailed program description.

1. Do you agree to meet the [### General and Fiscal Guidelines ###](#)?

No

Advance Placement (AP) Computer Science Principles (CSP)

Warning

In order to be considered for the Advance Placement (AP) Computer Science Principles (CSP), the LEA must agree to meeting the General and Fiscal Guidelines and all the assurance requirements. By selecting no to any of the assurances, the LEA is opting out of this grant. If the LEA still wishes to apply for this grant, please click the ← Back Button and go back to select yes to the eligibility and assurances. If the LEA does not want to apply for the APCSP grant, then click the → Next Button and you will be redirected to apply for the remaining grants that you have selected.

Applicants must agree to all assurances (questions 1-13) in order to receive consideration for the APCSP grant. A “No” answer will present the above warning sign and end the APCSP grant application.



AP Computer Science Principles (APCSP) Application Walkthrough

Advance Placement (AP) Computer Science Principles (CSP)

14. Does the LEA currently offer any College Board approved Advanced Placement course for student enrollment?

Yes

No

15. Does the LEA currently offer an AP CSP course on any LEA campus?

Yes

No

16. Is the LEA currently participating in any other AP CSP grant opportunity?

Yes

No

Advance Placement (AP) Computer Science Principles (CSP)

17. How many LEA campuses will add an AP CSP course with this grant opportunity?

18. How many LEA teachers will be trained to teach the AP CSP course?



Please include data regarding how many campus will be adding an APCSP course, along with teachers being trained to teach the course.



AP Computer Science Principles (APCSP) Application Walkthrough

LASO@tea.texas.gov

Closing

Signature

Official submission of this application requires a Superintendent signature. Application cannot be considered submitted without the formal signature from the Superintendent.

If the Superintendent is unable to sign because they are on leave or in role transition, please email at LASO@tea.texas.gov.

If you are the superintendent, please proceed to the Question 1 below by selecting yes and proceed to submitting the application.
If you are not a Superintendent, pause on submitting this application, email LASO@tea.texas.gov to identify the LEA's grantee official who can submit the application in superintendent's absence, Once the name of the grantee official has been identified, then return back to this page select 'No' for Question 1 and answer Question 2 to submit the application.

1. Are you a Superintendent

Yes

No

Note to the Superintendent :

By signing this application, I acknowledge that I have read the inputs in this application and confirm all the responses included in this application.

× SIGN HERE [clear](#)



Path Forward



LASO Cycle 3 Timeline

TEA opens application on 10/14

TEA closes application on 12/13 at 5:00 CT

TEA announces awards on 2/20 (tentative)

TEA issues NOGAs by 5/24



TEA publishes FAQ

TEA scores applications and conducts interviews with LEAs (if applicable)

LEAs accept awards and submit budgets in eGrants by 3/24

LEAs must complete this step for NOGAs to be issued



**LEAs must
submit LASO
Cycle 3
applications by
December 13 at
5:00pm CST**



TEA emailed unique application links to LEA superintendents on October 14 (if needed, LEAs can complete a [Request for Application Link Form](#) to receive a new link)



PDF of the application is posted on the [LASO Cycle 3 website](#); however, LEAs must submit the application through Qualtrics using the unique application link



Applications must be signed by the superintendent to be accepted

Change Requests and Declines

- TCLAS was unique in the aspect of the funding source (ESSER) and the speed at which we were operating to distribute the funding
- Therefore, to accommodate the unique circumstances of TCLAS, change requests and decline options were provided to LEAs
- Since we are no longer operating under the unique circumstances of TCLAS, we are returning to a traditional grant process to ensure equity and fairness
- LASO is again anchored in the informal discretionary competitive grant process
 - Declines and change requests are not advisable in typical competitive process
 - If declines are requested, they will be considered on a case-by-case basis for the LEAs and could raise the LEA's federal grant risk level in the coming year

Questions?



Office Hours

Attend office hours for technical assistance or discussion with program teams
November 7, 9:00-10:00 a.m. [Registration Link](#)

FAQs

Review the general FAQ (updated FAQs will be posted by November 13th)



Email

- For questions about the application process or technical assistance with the application, contact LASO@tea.texas.gov
- For questions about APCSP grants, contact Kay.Humes@tea.texas.gov



LASO application window opens on October 14, 2024 and closes on December 13, 2024 at 5:00 CT



Application Window

October 14- December 13



Program Webinars

October 17- 25



Next Steps

Visit the LASO 3 website to familiarize with included grant offerings.

Communicate and share the information with LEA internal teams to support the decision-making process on which sets of grants to apply for.

Register for our upcoming informational webinars.



Resources Available

- [Best Fit Guidance](#) provides criteria to help determine if a grant fits LEAs needs
- [Grant One Pagers](#) provide preliminary grant eligibility and key commitments
- [Eligibility and Prioritization Guidance Doc](#) provides information to help determine the likelihood of being awarded

Find all LASO related supports - including timelines, webinars, and planning tools - at tea.texas.gov/LASO