

## PROGRAM ELEMENTS

9 Dots' Get Coding provides all partner schools with the following program elements:

1. **Curriculum:** Aligned with Next Generation Science, Common Core, and the new California state CS standards, our original K-6 coding curriculum provides a cohesive, vertically aligned CS education pathway that guides young students from unplugged activities in TK and Kindergarten to an introduction to JavaScript by the 5<sup>th</sup> grade. Each course is structured as three modules of ten lessons each or 30 lessons total, with the third module consisting of student projects. Comprehensive lesson plans with guides and narratives for teachers are included. Students discover the joy of coding through the challenges and projects they complete, strengthening their confidence to pursue CS subjects later in their education. In the process, students gain the early metacognitive, computational thinking, and problem solving skills they need to succeed in their future education and 21<sup>st</sup> century careers.

2. **Professional Development Services:** 9 Dots' provides professional development training and on-site support services for teachers at all levels of prior CS experience. 9 Dots provides teachers with weekly on-site support from 9 Dots Coding Coordinators. Coding Coordinators are CS content and instructional experts who work side by side with teachers in their classrooms to assist in course planning, setting up, and delivering each class, and provide technical support with classroom computers and navigating the online learning platform, including how to use data to monitor and accelerate student achievement. Our system of professional development supports begins with an eight-hour Summer Conference where we onboard and prepare educators to teach CS the following school year. We continue to provide instructional support throughout the school year with 30 hours of in-class support per teacher/classroom, 1:1 coaching sessions, and a Winter conference where teachers can reflect on how CS education has impacted their students and to think about way to connect CS with other subjects.

3. **Online Teaching Platform :** Students and teachers access our curriculum through 9 Dots UDIPP-approved Online Teaching Platform, where students complete lessons and teachers can observe student progress in real time and develop appropriate interventions where needed. The Platform allows teachers and administrators to track student proficiency achievements as well as student affect and motivational data (via survey) which is especially relevant for measuring equity and inclusion impacts for high need students who are typically underrepresented in CS. Platform data analytics features offer schools multiple data points to monitor and evaluate the effectiveness of the class and to ensure that all students are on track.

4. **Student and Parent Engagement Events:** Coding Coordinators assist teachers and administrators in planning and hosting family and community coding events (such as the Hour of Code, and CS Education Week) that support student and parent engagement and provide opportunities to learn about professional CS and coding career pathways. Principals at partner schools have noted that these events increase community respect for and confidence in their school's ability to provide their children with a meaningful education that will prepare them for 21<sup>st</sup> century challenges.

Get Coding also satisfies the following LAUSD overarching goals: College, and Career Readiness; Attendance; Proficiency for All; Parent, Community, and Student Engagement; and Expanding Opportunities for Early Childhood Education.

## PRICE SCHEDULE

9 Dots curriculum, Online Learning Platform Access, and professional development services are offered as a packaged bundle with a daily rate for on-site support. However, schools may also purchase 9 Dots Curriculum and Platform access separately and may participate in Summer and Winter Conferences at no cost.

### On-site Support Includes:

- 9 Dots Coding Coordinators on-site, supporting up to 6 classrooms and 150 students per day each week for a total of 30 weeks
- Differentiated, in-class support
- Differentiated office hours before and after school
- 4 hours of professional development coaching
- Quarterly reports on student learning outcomes
- Parent engagement, community, and CS career awareness events

### 1-Day Bundle:

- 1 day per week of on-site Coding Coordinator support for up to 6 classrooms for 30 weeks
- Curriculum and Platform access for up to 150 students
- Summer and Winter conferences

*Annual Price: \$15,700 (2019-2020) | \$16,325 (2020-2021) | \$16,981.25 (2021-2022)*

### 2-Day Bundle:

- 2 days per week of Coding Coordinator support for up to 12 classrooms for 30 weeks
- Curriculum and Platform access for up to 300 students
- Summer and Winter conferences

*Annual Price: \$29,400 (2019-2020) | \$30,650 (2020-2021) | \$31,962.5 (2021-2022)*

### **3-Day Bundle:**

- 3 days per week of Coding Coordinator support for up to 18 classrooms for 30 weeks
- Curriculum and Platform access for up to 450 students
- Summer and Winter conferences

*Annual Price: \$43,100 (2019-2020) | \$44,975 (2020-2021) | \$46,943.7 (2021-2022)*

### **Curriculum and Platform Access Only:**

- Curriculum with 30 lessons per grade level delivered through our Online Learning Platform
- Standards alignment to CCSS, NGSS, and CA CS standards
- Supporting lesson materials include slide shows and digital copies of handouts
- Reports and insights into student outcomes on Platform

*Price: \$8 per student plus \$2,000 base fee per year*

### **Summer and Winter Educator Conferences**

- Full day summer professional development facilitated by 9 Dots
- Introduction to importance of computer science, computer science concepts, and computer science pedagogy
- Overview of 9 Dots curriculum and Online Learning Platform
- Facilitated practice of sample lessons
- Mid-year Winter Conference for ongoing training

*Price: Free*

## Vendor Virtual Services Plan

Due to school closures, approved vendors on the Partners for Student Success bench that have a signed contract will need to submit their *Vendor Virtual Services Plan* to D’Sonya Oakley at [dsonya.oakley@lausd.net](mailto:dsonya.oakley@lausd.net) from the Office of Partnerships and Grants. The plans will be vetted and shared with eligible schools to select the services they are interested in and follow up with vendors. Any new approved vendors that are in the process of signing their contract will also need to fill out the below form.

### Things to Consider:

- Currently, certificated staff are required to supervise any services rendered to students by a third party.
- Recording and pictures of students is prohibited.

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| Vendor’s Name:<br>9 Dots  | Submittal Date:<br>8/13/20  |
| Schools Planning to Serve:<br>Yorkdale Elementary, Frank Del Olmo Elementary, Vine St Elementary, Potentially Hollywood Primary                                       |   |
| List the services in your agreement that can be provided virtually:   | All services will be provided virtually:<br>9 Dots’ Get Coding curriculum, Online Platform Access, and professional development services  |
| List the services in your agreement that cannot be provided virtually:  | none  |
| List the platforms you plan to use for delivery of virtual services:  | Zoom, app.9dots.org, clever, google classroom or schoology (whatever application teachers will be using to assign student work)   |
| Provide a brief description of how you plan to deliver each of your services virtually (i.e. coordinate with school to schedule 30 minute session once a week, etc.): | Part of our program’s professional development involves in-class modeling of coding curriculum for teachers. We would accomplish this by coordinating with schools to schedule weekly sessions. We’d schedule coding classes by grade level:<br>Kindergarten: 20 minutes<br>1st - 2nd grade: 40 minutes<br>3rd - 6th grade: 50 minutes<br><br>Our conference-style professional developments will be held in online webinars. Students will be able to access our online platform from home using their Clever log ins and will be able to access their lesson as |

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|  | well as the challenges they need to complete for the week. To help students complete their coding challenges we will not only work with the schools to schedule synchronous online classes, but we are also offering asynchronous supports. |
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- District's [Code of Conduct](#) is expected when interacting with students