MARANA
UNIFIED SCHOOL DISTRICT

Governing Board Agenda Item

Meeting Date: May 8, 2025

From: Kristin Reidy, Assistant Superintendent

Subject: TechSmart Schedule 4

Priority: To provide rigorous, relevant, and innovative academics

Consent   [X]   Action   []   Discussion []

Background:

This agreement continues the partnership between TechSmart and the Marana Unified School District. This partnership allows the Marana Unified School District to work with TechSmart to build pathways that result in our students developing the knowledge and skills necessary to earn computer science industry certifications. Students who complete these pathways will graduate with strong procedural thinking skills and have direct access to employment opportunities in every industry.

This program was initially implemented at Dove Mountain CSTEM K-8. Next year, it will be implemented at Mountain View High School and Marana High School. This computer science program aims to reach every student and school with a full pathway of courses. The second year of implementation will cost $19,500, paid for out of the District's M & O account.

This agreement has been approved by District's legal counsel.

Recommended Motion:

I move that the Governing Board approve the Schedule 4 Curriculum as a Service Agreement between TechSmart, Inc. and Marana Unified School District.

Approved for transmittal to the Governing Board: _____

Dr. Daniel Streeter, Superintendent

Questions should be directed to: Kristin Reidy, Assistant Superintendent
Phone: (520) 682-4757

SCHEDULE 4 for Marana Unified School District

This Schedule 4 ("**Schedule**") is entered into as of 2025-07-01 (the "**Schedule Effective Date**") and made a part of the Curriculum as a Service (CaaS) Agreement ("Agreement"), between School District and TechSmart, with an effective date of 2023-05-01 (the "Agreement"). All capitalized terms not defined in this Schedule have the respective meanings set forth in the Agreement or in the exhibits attached to this Schedule. To the extent that any term of this Schedule conflicts with any of the terms of the Agreement, and this Schedule explicitly states that it intends to modify the conflicting terms, this Schedule supersedes the Agreement.

OVERVIEW

TechSmart offers computer science educational course materials designed for delivery to K-12 students via an online computer science teaching & learning platform, or curriculum as a service (CaaS). School District provides educational content directly to K-12 students and desires to use the TS CaaS and to license from TechSmart the TS Content specified herein computer science courses for delivery to certain of School District's students. As part of the computer science courses, School District will also purchase from TechSmart the TS Services described in Exhibit B in support of School District's delivery of the TS Content to students.

School Year(s)	2025-2026
Schedule Term	Schedule Effective Date: 2025-07-01, through 2026-06-30
Courses	CS10 - Coding in Skylark 1;CS20 - Coding in Skylark 2;CS30 - Coding in Skylark 3;CS201 - Coding in Python 1;CS202 - Coding in Python 2;CS203 - Coding in Python 3;CS204 - Coding in Python 4
Authorized Users	# of Teacher Licenses: 3 Unlimited student licenses
Schools	Mountain View High School, Marana High School, Dove Mountain Elementary School
Teacher Coding Bootcamps	* Teacher Coding Bootcamp training must be completed during 2025-2026
Coding Bootcamp Warranty	If a teacher who has completed a Coding Bootcamp (CST) leaves the district or is unable or unwilling to teach the computer science class they were trained for during the next school year, then during that year the district can send a replacement teacher to a scheduled Coding Bootcamp at another location at no additional cost. This will be a one-time replacement training and is not renewable. This replacement training will only be for a teacher that will be teaching the computer science class at a school listed in Schedule 4.

Fees and Consideration

Quantity	Item	Price ($)
2.00	Curriculum + Platform : High School	6000.00
1.00	Curriculum + Platform : K-8 School	6000.00

3.00	Teacher Support : Live Support + Check-ins (High School)	500.00
	Total:	$19500.00
Payment Due Dates	The above total of $ 19500.00 is due by 2025-05-09 TechSmart will invoice the School District 30 days prior to payment due date. The School District will provide payment no later than the due date specified above via <u>ACH Electronic Payment</u>.	

1. **Project Manager** - School District will provide an assigned staff member to serve in the role of Project Manager to assist in coordination of all activities related to Teacher Coding Bootcamp training, scheduling, class setup, and other activities that may arise from time to time.

2. **Teachers attending Coding Bootcamp Training** - School District will provide a roster of teachers attending Coding Bootcamp Training no later than 30 days before the start date of the training. This roster will include: teacher first name, teacher last name, teacher email address, grade level, school, coding bootcamp attending.

3. **Teachers teaching Coding Courses** - School District will provide a roster of teachers that will be teaching the Coding courses no later than 30 days before the start date of the class. This roster will include: teacher first name, teacher last name, teacher email address, grade level, school, coding course to be taught.

4. **Setup of TechSmart Platform** - School District teachers will utilize the TechSmart Platform to set up their Coding classes, entering information related to their teaching schedule and student roster.

5. **Systems Requirements** - School District will provide the necessary hardware, software and Internet connections required for the delivery of and access to the TS Offerings. The following are the minimum requirements:

   - Student & Teacher computers: O/S: Mac OS X 10.7 or higher, Windows 7 or higher or Chromebook. Processor 1 GHz processor, Memory 512MB, Monitor Resolution 1600x900 (1920 x 1080 preferred), Internet Browser- Google Chrome.

   - Internet Connection: Broadband (high speed) Internet connection with a minimum consistent speed of 1.5Mbs.

   - Classroom:
     - Middle/High School: Two LCD Projectors per classroom with WUXGA resolution (1920 x 1200 widescreen 16:10 Aspect Ratio).

TECHSMART	**Marana Unified School District**
SIGNATURE AREA	SIGNATURE AREA
SIGNATURE:	**SIGNATURE:**

PRINT NAME: BRUCE LEVIN	PRINT NAME: DR. DAN STREETER
TITLE: CEO	TITLE: SUPERINTENDENT

EXHIBIT A
Computer Science Courses

TechSmart will provide school district access to the following courses listed in Schedule 4:

CS10 - Coding in Skylark 1;CS20 - Coding in Skylark 2;CS30 - Coding in Skylark 3;CS201 - Coding in Python 1;CS202 - Coding in Python 2;CS203 - Coding in Python 3;CS204 - Coding in Python 4

See below for detailed course outlines for authorized courses:

CS10-30: Coding in Skylark 1-3
Full Year: 35 weeks. Grades 3-5. Each course is comprised of the following:

- Lesson instructional content
- Coding Exercises and Coding Projects
- Student Assessments
- Homework Assignments
- Lesson Videos and Lesson Notes
- Lesson-by-Lesson Teacher's Guides and Resources

CS10 includes the following instructional units and lessons:

- Unit 1: Frames - 1.1 Frames, 1.2 Variables
- Unit 2: Coding Basics - 2.1 Input & Output, 2.2 Conditionals & Random
- Unit 3: Screen & Advanced Conditionals - 3.1 Coordinates, 3.2 Mouse & Keyboard, 3.3 Else
If & Else

CS20 includes the following instructional units and lessons:

- Unit 4: Checking - 4.1 Logic, 4.2 Collisions
- Unit 5: Iteration - 5.1 Lists, 5.2 Counting, 5.3 Loops
- Unit 6: Sprites - 6.1 Sprites, 6.2 Text and Animation

CS30 includes the following instructional units and lessons:

- Unit 7: Python - 7.1 Main, 7.2 Data, 7.3 Operators, 7.4 Text
- Unit 8: Decisions - 8.1 Conditionals, 8.2 Booleans

CS101: Intro to Python 1 and CS102: Intro to Python 2 Courses
Semester Course: 19 weeks each. Each Course is comprised of the following:

- Lesson instructional content
- Coding Exercises and Coding Projects

- Student Assessments
- Homework Assignments
- Lesson Videos and Lesson Notes
- Lesson-by-Lesson Teacher's Guides and Resources

CS101 includes the following instructional units and lessons:

- Unit 1: Data - 1.1 Statements & Variables, 1.2 Values, 1.3 Expressions
- Unit 2: Decisions - 2.1 Conditionals (If), 2.2 Conditionals (Else), 2.3 Booleans, 2.4 While Loops, 2.5 Randomness & Libraries, 2.6 Debugging, 2.7 Program Analysis
- Unit 3: Drawing - 3.1 Lines, 3.2 Shapes & Colors, 3.3 Animation, 3.4 Program Structure, 3.5 Mouse & Keyboard, 3.6 Time

CS102 includes the following instructional units and lessons:

- Unit 1: Lists - 1.1 Lists, 1.2 For Each, 1.3 For Range
- Unit 2: Sprites -2.1 Sprites, 2.2 Sprite Sheets, 2.3 Sprite Collisions, 2.4 Sprites in Lists
- Unit 3: Functions - 3.1 Functions, 3.2 Return Values, 3.3 Complex Parameters

CS201, CS202, CS203, and CS204: Coding in Python 1, 2, 3, and 4 Courses
Semester Courses: Such Courses are comprised of the following:

- Lesson instructional content
- Coding Exercises and Coding Projects
- Student Assessments
- Homework Assignments
- Lesson Videos and Lesson Notes
- Lesson-by-Lesson Teacher's Guides and Resources

CS201 includes the following instructional units and lessons:

- Unit 1: Linear Programs - 1.1 Statements & Variables, 1.2 Values, 1.3 Expressions, 1.4 Import & Using Functions
- Unit 2: Decisions -2.1 Conditionals- If, 2.2 Conditionals- Else, 2.3 Randomness & Math, 2.4 Boolean Logic, 2.5 Boolean Variables
- Unit 3: Loops - 3.1 While Loops, 3.2 Controlling Loops, 3.3 For Range, 3.4 Using Objects, 3.5 Interaction

CS202 includes the following instructional units and lessons:

- Unit 4: Lists - 4.1 Lists, 4.2 For Each, 4.3 For Range
- Unit 5: Sprites - 5.1 Sprites, 5.2 Spritesheets, 5.3 Sprite Collision, 5.4 Sprites in Lists
- Unit 6: Functions - 6.1 Functions, 6.2 Return Values, 6.3 Complex Parameters

CS203 includes the following instructional units and lessons:

- Unit 7: Files - 7.1 Reading Files, 7.2 Writing Files, 7.3 File System, 7.4 Image and Sound Files, 7.5 Error Handling
- Unit 8: Errors - 8.1 Adv. Error Handling, 8.2 Identity vs. Equality, 8.3 User Interface

CS204 includes the following instructional units and lessons:

- Unit 9: Object Orientation - 9.1 Classes, 9.2 Class Scope, 9.3 Inheritance, 9.4 Class Design, 9.5 Custom Libraries,
9.6 App Library

• <u>Unit 10</u>: Careers in CS - 10.1 Survey of Data Science, 10.2 Survey of Web Development, 10.3 Survey of Cyber Security,
10.4 Finding Libraries, 10.5 Capstone

EXHIBIT B
TS Services Description

- **Teacher Coding Bootcamps.** The TechSmart Teacher Coding Bootcamps will provide instruction and training for District Teachers and is designed to help them teach the courses listed in Schedule 1 to Students ("**Coding Bootcamps**"). The Coding Bootcamps will consist of the following:

    o
    o   Computer Science Teaching Platform user training
    o   TechSmart Computer Science Pedagogy Training

- **Teacher Support:** TechSmart will provide the following teacher support services:

    ☐   Live Support - Online technical and teaching support delivered via the Live Support chat module of the TechSmart Platform.

    ☐   Teacher Check-ins - Scheduled one-on-one web meetings with teachers once to twice a month based on teacher availability and schedule.

- **Teacher Coding Bootcamp Dates**.
    ☐   School District will be able to choose between a number of available Teacher Coding Bootcamp dates from TechSmart's predetermined schedule. During the implementation and planning phase of the project, TechSmart's Partner success team will share this schedule and assist in helping determine the best date options. The School District Project Manager will enroll their assigned teacher(s) in the Coding Bootcamp(s) sessions utilizing TechSmart's online registration system.