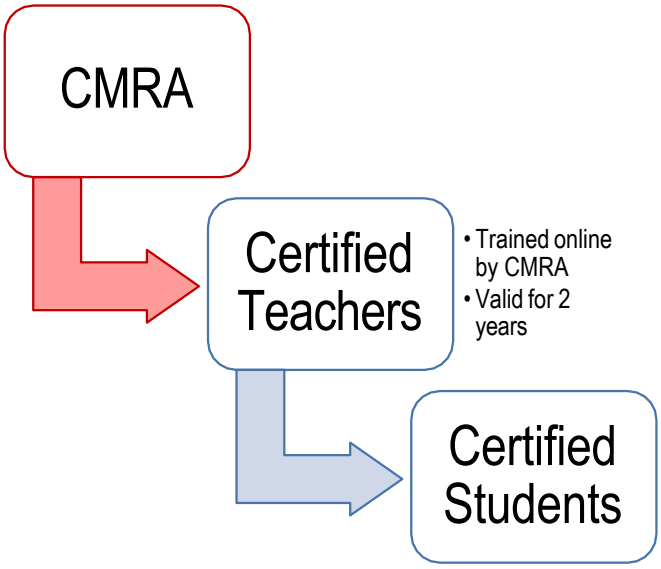
EXHIBIT A

EDUCATIONAL SERVICES DESCRIPTION

A.1 - SERVICE OVERVIEW AND PACKAGE COST STRUCTURE

Certified Teacher Approach

With the *Standard Bundle Package*, CMRA provides training and certification for up to two teachers in two supported educational robotics courses. This training may be delivered through live and recorded webinars, using the CS-STEM Network Learning Management System (LMS). After completing the training, teachers must pass a certification exam, which qualifies them to begin certifying their own students. Students also earn their certifications through the CS-STEM Network LMS. Teacher certifications are valid for two years and must be renewed every two years. The *Standard Bundle Package* also includes prioritized support, access to approved CMRA branding materials, and ongoing access to the CS-STEM Network LMS for certified teachers to manage their student certifications.



Standard Bundle Package Configuration

The base *Standard Bundle Package* may be configured to include student certifications for either K-12 Mobile Robotics courses or K-12 SMART Technician courses, or Post K-12 courses, as outlined below:

Certification Type	# Licenses	Training	Certification
Teacher	2	✓	✓
plus			
Student (K-12 Mobile Robotics)	65	*	✓
or			
Student (K-12 SMART Technician)	20	*	✓
or			
Student (Post-K12)	15	*	✓

* *Student training provided by Certified Teachers at Organization*

- *Student (K-12 Mobile Robotics)* is any student who is enrolled in an Elementary, Middle, Junior High or High School or their equivalents and is being certified in courses identified in Section A2.1.b.i through Section A2.1.b.ix below.
- *Student (K-12 SMART Technician)* is any student who is enrolled in an Elementary, Middle, Junior High or High School or their equivalents and is being certified in courses identified in Section A2.1.b.x through Section A2.1.b.xv below.
- *Student (Post-*K-12) is any student who is NOT enrolled in an Elementary, Middle, Junior High or High School or their equivalents.

Standard Bundle Package Cost

Package	Cost
Standard Bundle Package	$7,500

Additional Certification Mini Bundle Configuration

Additional "Mini Bundle Packages" may be added to the *Standard Bundle Package* to expand student or teacher certifications, as outlined below:

Mini Bundle Package**	#	Cost
Teacher Certification Package	2	$2,400
Student (K-12 Mobile Robotics) Certification Package	30	$2,000
Student (K-12 SMART Technician) Certification Package	15	$3,000
Student (Post-K-12) Certification Package	15	$4,250

** *Requires a Standard Bundle Package*

Additional Standard Bundle Package Services

In addition to teacher and student certifications, the *Standard Bundle Package* includes (see Section A.2 below for a detailed, itemized list):

- Prioritized support from CMRA (via e-mail, chat, phone, and Zoom)
- Guaranteed Certified Instructors (CMRA will train new teachers at no additional cost due to teacher turnover)
- Use of approved CMRA-branded materials
- Access to CS2N Premium for Certified Teachers

Payments

The costs of the selected package(s) are non-refundable, fixed price costs. For the first year and each subsequent year of the contract, the related non-refundable costs of the selected package(s) are due and payable to CMRA as specified in the CMRA Bundle Package Agreement.

Certification Requirements

To become CMRA Certified Teachers and Students must comply with the following requirements:

Teachers	Students
1. Trained by CMRA	1. Taught by a CMRA Certified Teacher
2. Complete all certification requirements and pass final exam with 70% or higher	2. Complete all certification requirements and pass final exam with 70% or higher

A.2 - ITEMIZED SERVICE DESCRIPTION

1. Premium Access to CMRA's CS-STEM Network Learning Management System (LMS)
    a. Access to student certifications for any given course is only available to teachers who have been trained and certified by CMRA in that course.
    b. Available courses:
        i. **Introduction to Programming VIRTUAL EV3** as exists on 10/1/2024
            - Description: Students learn how to program using a **virtual** EV3 and block-based programming software embedded within the curriculum. Topics include Setup, Movement, Sensing, Program Flow, and Search & Rescue.

- To deliver this curriculum and certification, teachers must complete CMRA's training course for the LEGO MINDSTORMS EV3 and pass the corresponding certification exam.

ii. **Introduction to Programming with EV3 Classroom** as exists on 10/1/2024

- Description: Students learn how to program the LEGO MINDSTORMS EV3 using the EV3 Scratch-based programming software. Topics include Setup, Movement, Sensing, Program Flow, and Search & Rescue.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the LEGO MINDSTORMS EV3 and pass the corresponding certification exam.

- *The LEGO MINDSTORMS EV3 robot kits are **NOT** provided under this Agreement. LEGO MINDSTORMS EV3 kits have been discontinued by LEGO Education.*

iii. **Introduction to Programming with VEXcode IQ Blocks (1st Gen)** as exists on 10/1/2024

- Description: Students learn how to program the VEX IQ 1st Gen using the VEXcode Blocks programming software. Topics include Setup, Movement, Sensing, Program Flow, and Search & Rescue.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the VEX IQ and pass the corresponding certification exam.

- *The VEX IQ 1st Gen robot kits are **NOT** provided under this Agreement. VEX IQ 1st Gen kits have been discontinued by VEX Robotics.*

iv. **Coding and Computational Thinking with VEX IQ (2nd Gen)** as exists on 10/1/2024

- Description: Students learn how to program the VEX IQ 2nd Gen using the VEXcode Blocks programming software. Topics include Getting Started, Programming the Brain, Robot Movement, Digital Sensors, Analog Sensors, Loops, Discrete Decisions with VEX IQ, a Capstone Challenge, and Continuous Decisions.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the VEX IQ and pass the corresponding certification exam.

- *The VEX IQ 2nd Gen robot kits are **NOT** provided under this Agreement.*

v. **Coding and Computational Thinking with a VIRTUAL Robot** as exists on 10/1/2024

- Description: Students learn how to program using a **virtual** VICE Robot and block-based programming software embedded within the curriculum. Topics include Getting Started, Programming the Brain, Robot Movement, Digital Sensors, Analog Sensors, Loops, Discrete Decisions with VEX IQ, a Capstone Challenge, and Continuous Decisions.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the VEX IQ and pass the corresponding certification exam.

vi. **Coding and Computational Thinking with VEX V5** as exists on 10/1/2024

- Description: Students learn how to program the VEX V5 using the VEXcode C++ programming software. Topics include Getting Started, Robot Brain, Movement, Wait Until, Functions, Loops, Conditionals and a Capstone challenge.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the VEX V5 and pass the corresponding certification exam.

- *The VEX V5 robot kits are **NOT** provided under this Agreement.*

vii. **Fundamentals of Coding with SPIKE Essential** as exists on 10/1/2024

- Description: Fundamentals of Coding with SPIKE Essential teaches coding and STEM concepts to elementary school students using the LEGO SPIKE Essential kit. The curriculum will cover topics such as basic coding, creating algorithms, conditional statements, and loops. Students assemble robot designs with the SPIKE Essential kit based on real-world robots, which helps to foster creativity, problem-solving skills, and an understanding of how coding and robotics are used in the real world.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the LEGO SPIKE Essential and pass the corresponding certification exam.

- *The LEGO SPIKE Essential robot kit and materials are **NOT** provided under this Agreement.*

viii. **Coding and Computational Thinking with VIRTUAL SPIKE PRIME** as exists on 10/1/2024

- Description: Students learn how to program using a virtual SPIKE PRIME and block-based programming software embedded within the curriculum. Topics include Getting Started, Programming the Hub, Robot Movement, Wait Until & Sensing, Loops, Discrete Decisions, Capstone, and Continuous Decisions.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the LEGO SPIKE PRIME and pass the corresponding certification exam.

ix. **Coding and Computational Thinking with LEGO SPIKE PRIME** as exists on 10/1/2024

- *Description*: Students learn how to program using a LEGO SPIKE PRIME with the Scratch-based programming software. Topics include Getting Started, Programming the Hub, Robot Movement, Wait Until & Sensing, Loops, Discrete Decisions, Capstone, and Continuous Decisions.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the LEGO SPIKE PRIME and pass the corresponding certification exam.

- *The LEGO SPIKE PRIME robot kits are **NOT** provided under this Agreement.*

x. **Software Foundations with Arduino (ShieldBot)** as exists on 10/1/2024

- Description: Students learn how to program the ShieldBot, an Arduino Uno-based robot, using the Arduino programming software. Topics include Testbeds, Open Loop Navigation, Sensing, Camera Navigation, and Camera Programming.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the Arduino Uno and pass the corresponding certification exam.

- *The ShieldBot robot kits are **NOT** provided under this Agreement.*

xi. **Software Foundations with VEX V5** as exists on 10/1/2024

- Description: Students learn how to program the VEX V5 using the VEXcode C++ programming software. Topics include Getting Started, Open Loop Movement, Sensing, and Camera Navigation.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the VEX V5 and pass the corresponding certification exam.

- *The VEX V5 robot kits are **NOT** provided under this Agreement.*

xii. **Mechanical Foundations with VEX V5** as exists on 10/1/2024

- Description: Mechanical Foundations provides participants with knowledge and hands-on experiences with a variety of tools and hardware components. By understanding the foundational mechanical principles that underpin robotics, participants develop the ability to design, construct, and maintain these systems with increased confidence and efficacy. The course covers topics such as structure, power transmission, motion, and mechanisms using hands-on activities with VEX V5 kits.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the Mechanical Foundations with VEX V5 and pass the corresponding certification exam.
- *The VEX V5 robot kits and materials are **NOT** provided under this Agreement.*

xiii. **Mechanical Foundations with REV DUO** as exists on 10/1/2024

- Description: Mechanical Foundations provides participants with knowledge and hands-on experiences with a variety of tools and hardware components. By understanding the foundational mechanical principles that underpin robotics, participants develop the ability to design, construct, and maintain these systems with increased confidence and efficacy. The course covers topics such as structure, power transmission, motion, and mechanisms using hands-on activities with REV DUO kits.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the Mechanical Foundations with REV DUO and pass the corresponding certification exam.
- *The REV DUO robot kits and materials are **NOT** provided under this Agreement.*

xiv. **Electrical Foundations with Arduino** as exists on 10/1/2024

- Description: Electrical Foundations focuses on the foundational concepts around basic electricity and how circuits work. In this course, students learn how to use multimeters to measure various parts of a circuit. Students learn how to control signals using a microcontroller, how to utilize binary sensors like Limit Switches, and analog sensors like an Ultrasonic Sensor. The culminating project is an e-panel consisting of all of the components found in a typical robotic system.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the Electrical Foundations with Arduino and pass the corresponding certification exam.
- *The Arduino kits and materials are **NOT** provided under this Agreement.*

xv. **Fabrication Foundations with Hand Tools** as exists on 10/1/2024

- Description: Fabrication Foundations introduces students to hand tools to cut, drill, and file down multiple materials to create a robot chassis and motor mount. Students also learn how to use additive manufacturing (3D printing) to create a sensor mount. The skills taught include safety, basic measurement, reading and interpreting drawings, basic hand tool use, and handling materials.
- To deliver this curriculum and certification, teachers must complete CMRA's training course for the Fabrication Foundations with Arduino and pass the corresponding certification exam.
- *The tools and materials are **NOT** provided under this Agreement.*

c. Please note that due to specialized technical and equipment requirements, student certification for certain courses is only available to teachers who have completed customized onsite training by CMRA. This training is arranged through a separate Training Agreement. As of 10/1/2024, these courses include *Robot Operations with CoDrone EDU*, *Applied AI and Robotics with NVIDIA Jetson Nano*, and *Autonomy Foundations with Jetson Nano*.

d. Premium Access to CMRA's CS-STEM Network is defined as:
    - Access to premium content as available
    - Unlimited CS-STEM Network Group Creation
    - Unlimited CS-STEM Network Activities within a Group
    - Google Classroom Integration

2. Certified Teacher Training:
    a. To become a Certified Teacher, candidates must complete training provided by a CMRA trainer.
        i. Training can be conducted either face-to-face or through pre-scheduled online sessions.
        ii. The default pricing assumes online sessions, with the option to upgrade to face-to-face for an additional $400 per teacher.
    b. Certification renewal is required every two years, which involves reviewing refresher materials and passing a refresher exam.
    c. Certified Teachers must complete the training and pass the final exam with a score of 70% or higher.
    d. CMRA will provide training and certification for new teachers within the partner organization due to staffing changes, at no additional cost, within the package limits.

3. Student Certification
    a. To earn certification, students must be trained by a Certified Teacher.
    b. Students must complete the required assignments and pass the final exam with a score of 70% or higher.

4. Approved CMRA Branding Material
    a. CMRA will collaborate with the partner organization to add their logo to the provider website.
    b. CMRA will provide brochures, graphics, or charts that the partner organization can use in their materials.
    c. No further permissions are granted to use the CMRA name or marks outside of the approved materials.
    d. The approved materials may not be used to endorse any non-CMRA courses or certifications.
    e. Any and all adaptations of the approved materials must be reviewed and approved by CMRA prior to use.

5. Translation
    a. Translation and localization services for curriculum, training, and certification materials are not included in this agreement, but can be arranged for an additional fee. CMRA retains ownership of all translated materials

6. Prioritized Support
    a. CMRA offers priority support for Certified Teachers via email, live chat, phone, and Zoom.