



We help schools
Build Capacity.
Teach STEM Better.
Enhance Learning.



EXPLORING EXPEDITIONS WITH mTINY!

An integrative STEAM curriculum for exploring coding while developing literacy, numeracy, science, cognitive and socio-emotional skills.

UNLOCK THE POWER OF STORYTELLING

Drive mTiny with a remote control and control cards to go on adventures with no screens required. Students learn coding concepts, develop hand-eye coordination, motor skills, shape and pattern recognition, analysis, and much more by following guided activities as they progress through several fun puzzles where they play games and interact with characters in stories that spur their imaginations.

STUDENTS WILL:

- **Learn to code screen-free** by using a tap pen and picture cards to control robot actions.
- **Understand the importance of robotics** and its real-world applications in daily life.
- **Discover an excitement** for learning STEM and computer science concepts.



Grades PK-2



STEM Solutions for Busy Teachers



Save time in lesson prep with standards-aligned, easy to teach lessons created by teachers for teachers.



Gain helpful STEM and CS tips and techniques through live or virtual PD sessions with our experts.



Tailored for your timeframe: Camp, after-school, or in-class with 6 to 40 hours of hands-on activities.



You can count on our support team for technical and lesson planning assistance when you need it.

SCREEN FREE ROBOT TECHNOLOGY

Equipped with Tap-Pen Controller and Coding Cards, mTiny is designed for early education.

- Choose from **36 coding cards** to make mTiny move, turn, or express.
- **Create and narrate stories** about robots in the future society.
- **Apply math** to count, add, subtract, and multiply to control the robot.
- **Enhance social-emotional skills** with robot expressions and games using included map pieces and story book.



- **Explore animal behaviors** and stories with 3 masks and 300+ sounds.
- **Use the Controller** to make mTiny move or stop following instructions.
- **Understand the concept of events** and the use of triggering blocks.
- **Understand a loop** is meant by doing the same things repeatedly and give real-life examples of loops.

TURN-KEY FOR ALL LEARNERS AND EDUCATORS*

Start easily with a **STEM Lab Pack** that includes everything needed for success:



World-class digital Curriculum packed with 5E lessons, slide decks, videos, activities, handouts, assessments.



Knowledgeable PD and dependable support services.



Reliable STEM products that last several years.



Fun Software Apps for Coding on almost any device with easy to follow step-by-step instructions.



*Also available: Up to 3 **College credits and certificates** from our partnership with [UC San Diego](https://ucsd.edu)

EXTENDED STUDIES

STANDARDS-ALIGNED CURRICULUM



Science

Apply physical science concepts, engage in scientific inquiry, and perform data analysis.



Technology

Create and test programs in projects combining hardware and software with variables, loops, and conditionals.



Engineering

Collaborate, communicate, and create innovative designs using the Engineering Design Process.



Mathematics

Reason abstractly while solving multi-step real world problems and algorithms.



Ask our STEM Specialists for an Implementation Plan today!



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