

Introducing:

PRE-K STEM LAB

By A+ STEM Labs

Bringing STEM Education To Your School Has Never Been Easier, Or More Affordable!

A+ STEM Labs believes that hands-on learning makes for memorable learning and greater retention of concepts. Our labs encourage students to act like “real scientists” by participating in interactive experiments designed for the Pre-K Level, while giving teachers the ability to monitor, guide and control student activity.

The **Pre-K STEM Labs** integrate with a range of presentation technology such as a document camera, a sound system, wireless tablets and connection to an interactive white board, all to promote a dynamic and fun learning experience.

PRE-K STEM LAB INCLUDES:

Probes



Laptops with ABCmouse Software



VU Data Loggers



Experiments You Can Try:

*Does light shine through everything?
Use light sensors to see how well light travels through different objects.*

*What makes the most noise?
Use sound sensors to measure changes in sound levels from different noises.*

*What happens when we exercise?
Use temperature and heart rate sensors to measure changes in pulse and temperature after a vigorous activity.*



Benefits Of The Pre - K STEM Lab:

- Easy-to-use touchscreen laptops ensure each child is given personalized tools.
- Built-in software tracks progress of each child, giving virtual rewards for milestones that are reached.
- Data loggers and science probes for hands on activities that make every child feel like a scientist conducting real, age appropriate experiments.
- Automated data sharing and management with the students devices.
- Mobile STEM Lab serves as a Teaching Command Center that enables more efficient use of the technology in classrooms.





ABCMouse®
FOR SCHOOLS



A+ STEM Labs integrates the award-winning curriculum of **ABCMouse.com Early Learning Academy** in a program designed with more than **650 lessons** in eight levels. As a child completes each lesson, he or she is guided to the next one and is motivated to continue learning by ABCmouse's Tickets and Rewards System.

Full Online Curriculum For Children Ages 2–8+

Language Arts Curriculum

- Concepts of print
- Phonemic awareness
- Oral language
- Phonics
- Word families
- Sight words
- Vocabulary
- Sentences
- Reading strategies
- And more



Math Curriculum

- Number sense
- Counting to 120
- Addition and subtraction
- Number families
- Math facts
- Place value
- Problem solving
- Patterns
- Shapes
- Measurement
- And more



Social Studies Curriculum

- Occupations
- Community roles
- Continents and oceans
- Maps
- The 50 states
- Timelines
- Colonial times
- U.S. landmarks and symbols
- And more



Science & Health Curriculum

- Weather and seasons
- Earth and the solar system
- Plants and animals
- Habitats
- Life Cycles
- Matter
- Healthy Habits
- The Human Body
- And more



Art Curriculum

- Primary and secondary colors
- Shades of colors
- Paint-by-number activities
- Hundreds of animals, objects, and scenes to color
- And more



Music Curriculum

- Song styles: folk, pop, jazz, and more
- Classic children's songs
- 26 A–Z music videos
- Counting and number songs
- Instrument names
- And more



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