



# AVID STEM

Through problem-solving, critical thinking, questioning, and collaboration, teachers can prepare their students for the technological world. STEM is the launching pad to get them ready.

## Building Confidence Through Experience

The AVID Elementary STEM (grades 3–6) and STEM Middle School (grades 6–8) strands provide an opportunity for participants to engage in various STEM-related interdisciplinary activities that stretch them as learners.

Participants will walk away with a better understanding of how to integrate STEM into their existing curriculum as well as create their own STEM inquiry-based lessons using WICOR® (Writing, Inquiry, Collaboration, Organization, and Reading).

“I’m excited to return to the district with ideas for integrating our content to help guide our teachers to embed STEM in their classrooms.”

Dr. Katie Barrett,  
Elementary Teaching & Learning Administrator

### WICOR

Through inquiry-based STEM activities, participants engage in elements of WICOR including the critical reading process, focused note-taking, and collaborative strategies.

### Computational Thinking

These strands utilize design thinking and problem-based learning to support problem-solving of real-world issues.

### Interdisciplinary Approach

Activities align with national STEM-related standards to ensure rigorous connections to upper elementary and middle school curriculum.

### eLearning

These blended learning strands integrate the use of technology in the classroom by introducing the 4 A’s™ (Adopt, Adapt, Accelerate, Advocate) along with various digital tools.



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