"It has helped me with everything from course content to classroom management. It is an invaluable resource! Can’t imagine first-year teaching without it!"

- New Teacher

"Very helpful in promoting hands-on, inquiry-based instruction."

- School Principal

"STEM TIPS is great. It brings our teachers into the 21st century… It’s like a one-stop shop."

- School District Administrator

"This program is definitely worthwhile and I highly recommend it for any beginning teacher."

- School Principal

Core Project Team:
Dr. T. Griffith Jones, Director
Dr. Tom Dana
Dr. Thomasenia Lott Adams

www.stemtips.education.ufl.edu

Florida STEM TIPS Teacher Induction and Professional Support
The STEM TIPS Mission
To support, empower, and connect STEM teachers and coaches as we work together to boost student achievement.

Online Mentoring System
STEM TIPS offers an all-in-one e-coaching and professional development platform designed to provide instructional support, collaboration tools, and high-quality teaching resources to boost retention and accelerate the professional growth of STEM teachers. We work with you to build a customized hybrid support program to virtually connect your coaches and teachers.

Teachers Need a Lifeline
• Turnover is higher in teaching than in any other profession
• Highest attrition rates are among secondary mathematics and science teachers.

Building Coaching Capacity and Expertise
• Streamline existing university or school district induction programs: Integrate STEM TIPS online mentoring support with existing face-to-face coaching
• Remote video observation & coaching: Teachers self-record, upload, annotate, and jointly analyze instructional practices with select qualified online coaches
• Orientation and integration support: “Train the Trainer” sessions on STEM TIPS platform basics and best online practices, plus leadership training for managing coaches
• UF Certified Instructional Coaching: additionally available, provides rigorous and evidence-based certification in implementing coaching tools, skills and strategies

QUICK TIPS
• Virtual Community of Practice that connects you with other STEM Professionals
• Share files, videos, and links

COACHING
• Consult with individualized, confidential Coaching Panel, including UF-certified STEM instructional coaches
• Remote Video Observation: Teachers self-record, upload, annotate, and jointly analyze instructional practices with select online coaches

COLLECTONS
• 24/7 access to vetted, classroom-tested instructional resources
• Build e-portfolios, collect standard-aligned lessons, and classroom management strategies

COLLABORATION
• Customizable virtual meeting places
• Collaborate around a specific topic, content area, or method; Launch live meetings on the fly

Increased retention & success
Increased capacity & expertise

Teacher-tested, Administrator-approved
100% of teachers said combining e-coaching with online resources “Very Useful” or “Useful”
95% of administrators reported improvement in teachers’ instructional practices