



Job Title: Middle and High School STEM Teacher/Coordinator **Date Posted:** December 2021
Reports to: Director of Innovation, Instruction & Curriculum **Start Date:** August 2022
Work Schedule: 11-month position; 7:30AM– 4:00PM daily **Status:** Full time with benefits
with some evenings and weekends

ABOUT FPD

First Presbyterian Day School (FPD) is a 3K-12th grade Christ centered, college preparatory independent school located in Macon, Georgia which exists to educate and equip children to change the world for God's glory.

ABOUT THE ROLE

Oversees, studies and reviews science, math, technology, art, and engineering objectives school-wide with Curriculum Office, makes suggested changes as needed. Creates a STEM Scope and Sequence, which verifies vertical and interdisciplinary alignment of STEM curriculum.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Suggests ways to enhance the physical learning environment to promote STEM exploration through a Biblical Worldview
- Works with the technology department regarding the integration of technology to promote learning
- Works with Science, Technology, Engineering, Art, and Math teachers to coordinate STEM
- Coordinates US Honors STEM Program
- Teaches STEM research class in coordination with the US STEM Honors Program
- Teaches Middle School Project Lead the Way STEM electives
- Manage and coach Middle School Robotics Program
- Works with principals regarding STEM competitions and Science Olympiad
- Reviews STEM course sequences and makes recommendations for any changes
- Works with principals on organizing annual Family STEM Night
- Creates and partners with parent STEM organization
- Responsible for developing an environmental element to the STEM focus using the of FPD nature trail, butterfly garden, and vegetable garden
- Organizes, develops, coordinates, and provides trainings for administration and professional staff related to STEM best practices.
- Conducts school-wide parent meetings on STEM
- Researches and applies for grants in coordination with development office and makes appropriate proposals to senior staff
- Implements and oversees grants as needed
- Works with the business and development offices on allocation of donated funds
- Partner with communications and development in promoting FPD STEM program to the community at large
- Assists with the STEM budget school-wide
- Teach summer STEM classes
- Creates educational opportunities for students through outreach to community, university, and business resources: reviews LS Field trips (scope and sequence for STEM Field trips)

REQUIRED QUALIFICATIONS

- Current State certification
- Master's degree in related field strongly preferred
- 3-5 years elementary to upper school level teaching experience in science, math or technology preferred
- Knowledge of inquiry-based learning
- Be well-organized, detail-oriented, and able to work on multiple projects concurrently
- Positive, flexible, and friendly
- Independently driven team player
- Demonstrates experience and a love for STEM education
- Supports the mission and values of First Presbyterian Day School
- Must possess the following skills to be successful in this position:
 - Communicate effectively to a wide range of team members and audiences
 - Possess a commitment to professional growth
 - Demonstrate the ability to develop, revise, and evaluate innovative education programs

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. The majority of work will be performed in a classroom or laboratory setting. Regularly required to stand and walk for extended periods of time. Employee may be required to lift up to 20lbs.

Visit www.fpdmacon.org/employment to apply or learn more.