



LAKELAND CHRISTIAN SCHOOL.

Job Description: Upper School Master Science Teacher and STEM Lead

Classification: Administrative Staff/Teacher

Schedule: Ten Month; Monday-Friday (12-Month Pay Cycle)

Supervises: STEM initiatives as member of RISE Institute and Science Faculty

Reports To: Director of Academics (Science) and RISE Institute Director (Robotics)

FLSA Status: Exempt

General Description

The RISE Institute (Research, Innovation, STEM and Entrepreneurship) and science program at Lakeland Christian School are seeking an experienced teacher and coach to join our faculty in some combination of the physical, earth, and engineering sciences. Experience with and vision for First Tech Challenge Robotics is preferred. The ideal candidate will have a sharpening the minds and shepherding the hearts of middle and high schoolers in the context of a can-do, “how might we...” student-centric, learning environment. Working directly with the Director of the RISE Institute and the Director of Academics, the ideal candidate will have the opportunity to lead the cultivation of a robust STEM program, preparing LCS students to pursue God ordained callings in the science, technology, engineering, and applied mathematics.

Qualifications

1. Be a born-again believer, maintaining a testimony that is above reproach
2. Active in local, evangelical church
3. Bachelor’s degree from an accredited college or university in the discipline or a related field
4. Valid ACSI and Florida teaching certificate or willingness to work toward certification
5. Have a minimum of 7 years classroom experience in grades 6-12 with exemplary observations and/or performance reviews
6. Demonstrate an understanding of and appreciation for discipleship and the developmental needs of students
7. Demonstrate the ability to teach utilizing multiple modalities
8. Demonstrate a positive, collaborative attitude
9. Exercise discretion and utmost professionalism in confidential and sensitive student/family matters.
10. Communicate effectively in verbal and written form
11. Demonstrate a commitment to Christian education

12. Demonstrate a commitment to building a Christ-centered community which values all ethnicities and cultures
13. Be in agreement with the Lakeland Christian School Statement of Faith and staff qualifications

Essential Duties and Responsibilities

A. Teaching:

- a. Provide an engaging, active learning environment designed to cultivate scientific curiosity.
- b. Develop and maintain content mastery of the courses assigned while understanding the LCS teacher is a champion of learning and a partner with students in that learning.
- c. Develop and continuously revise a meaningful Biblical framework for course content, instructional methods, and classroom management practices.
- d. Develop and/or maintain the curriculum map for assigned courses aligned to selected standards and the LCS Graduate Profile.
- e. Perform all professional responsibilities as detailed in the Faculty Handbook and prescribed by the Director of Academics and building level leadership.
- f. Actively participate in faculty professional development and spiritual cultivation.
- g. Reflect and foster the LCS Core Value of Christ-Centered Community.
- h. Teach a combination of courses in the physical, earth/space, and engineering sciences.

B. Leadership and Administration:

- a. Foster a love of science among middle schoolers through experiential learning, science fair participation, and enrichment activities during Middle School Advisory.
- b. Assist the Director of Academics and RISE Director in the creation, development and adoption of courses that support LCS graduates' pursuit of STEM opportunities both collegiately and professionally.

C. If FTC Robotics is applicable:

- a. Develop hands-on activities and training for students during middle and high school robotics classes.
- b. Conduct outreach and recruitment to identify talented students with interest in robotics.
- c. Develop a communications strategy for students, parents and the LCS community regarding FTC robotics.
- d. Contain and maintain parts inventory.
- e. Schedule and supervise team meetings, work sessions, and competitions.

Knowledge, Skills and Abilities

A. General:

- a. Google Suite proficiency.
- b. Competency in Understanding by Design curriculum design and the Next Generation Science Standards.
- c. Public speaking and presentation skills.
- d. Capacity to lead faculty development in the context of STEM.

B. If applicable, FTC Robotics:

- a. Proficiency or willingness to develop proficiency in Tetrix, Actobotics building materials, Makerbot 3D printing, CAD, and JAVA.
- b. Mechanical and craft capacity for utilizing diverse materials to create like wood, cardboard, styrofoam, metal, fabric, sensors, wires, filament, gasket, etc.

Physical Demands

1. Required vision to read small print.
2. Requires the mobility to stand, stoop, reach and bend. Requires mobility of arms to reach and dexterity of hands to grasp and manipulate small objects.
3. Requires the ability to stand for long periods.
4. Requires lifting, pushing and/or pulling which does not exceed 25 pounds and is an infrequent aspect of the job.
5. Is subject to normal inside and outside environmental conditions.
6. Mental acuity to perform the essential functions of this position.