https://giving-turquoise-giraffe.107-181-134-20.cpanel.site/job/robotic-teacher-needed-urgently/

Robotic Teacher

Hiring organization
Regal Achievers Educational Ltd

Employment Type
Full-time, Part-time

Beginning of employment
Immediate

Duration of employment
Permanent

Industry
Education

Working Hours
40 hours per month

Base Salary
£ 200 - £ 250

Date posted
June 10, 2026

Valid through
30.06.2026

Description

A Robotics Teacher designs and implements hands-on STEM curricula, instructing students on the fundamentals of engineering, electronics, and programming. Their core responsibilities include guiding students in building and coding robots, maintaining lab equipment, and mentoring competitive teams for robotics events. [1, 2, 3, 4]

Responsibilities

Core Responsibilities

- **Curriculum Delivery:** Instruct students on mechanical design, electronics, and coding using platforms like **LEGO Mindstorms, VEX, Arduino, Python,** or **Scratch**. [1, 2]
- **Hands-On Instruction:** Facilitate engaging lab activities and problem-solving exercises that bridge theoretical math/science concepts with practical application. [1, 2, 3]
- **Equipment Management:** Oversee, troubleshoot, and maintain robotics kits, laptops, and fabrication equipment. [1, 2]
- **Student Assessment:** Write and administer quizzes, track student progress, and provide constructive feedback on robot functionality and programming logic. [1, 2]
- **Extracurricular Mentorship:** Coach and supervise after-school robotics teams or clubs (such as **FIRST Robotics** or **VEX competitions**). [1, 2]
- **Cross-Curricular Integration:** Collaborate with other educators to weave robotics into broader **STEM/STEAM** frameworks. [1, 2]

Qualifications

Key Qualifications & Skills

- **Education:** A Bachelor’s degree in **Education, Computer Science, Mechanical/Electrical Engineering,** or a related technical discipline.
- **Technical Proficiencies:** Strong working knowledge of programming languages (e.g., **Python, C++**) and block-based coding, as well as hardware/sensor integration.
- **Soft Skills:** High levels of patience, exceptional classroom management, and the ability to simplify complex technical concepts.
- **Experience:** Previous experience in teaching, tutoring, or working in a STEM-related field. [1, 2, 3, 4, 5]

Tools & Platforms Used

- **Software:** Python, Scratch, C, C++, App Inventor.
- **Hardware Kits:** LEGO Education (SPIKE or Mindstorms), Arduino, VEX Robotics, Raspberry Pi.

Job Benefits

Write something

Contacts

Coming soon