



## **Lower School Design Technology Teacher Position Profile**

Carrollwood Day School is looking for an enthusiastic and innovative educator to become our Lower School Design Technology Teacher. The selected candidate will develop and teach the Lower School maker lab curriculum. Provide leadership and expertise to ensure that design thinking is integrated into all aspects of the Lower School curriculum.

Carrollwood Day School ( <http://www.carrollwooddayschool.org>) is a progressive International Baccalaureate (IB) independent school located in North Tampa, FL. Since its beginning in 1982 as an early childhood center, Carrollwood Day School has grown to serve students from age two through 12th grade. CDS is recognized nationally for its academic excellence and its innovative school-wide emphasis on character development.

The **mission of Carrollwood Day School** is to create entrepreneurial thinkers for a global society. We provide strong character-based education emphasizing problem-solving skills and philanthropic understanding. Our students are prepared to be world leaders using the International Baccalaureate Programmes, cutting-edge technology, creative arts, and competitive athletics. Most importantly, CDS fosters the development of the entire student not only in academics, but also ethically, emotionally, and through social experience. Our goal is to help students discover and develop their own talents and interests and use these to better the world and themselves.

Carrollwood Day School embraces and celebrates the rich diversity of our students, employees, and families from all backgrounds. As an International Baccalaureate continuum school, CDS strives to create a supportive and inclusive learning environment where each person is valued. We work to intentionally develop cross-cultural competency and appreciation of differences within all constituents. We value the influence of a wide range of experiences and perspectives in our classrooms, relationships, and interactions as we prepare our students to contribute to a diverse and interconnected world.

Carrollwood Day School is one of only 16 independent schools in the United States to offer the full curriculum/continuum of IB programmes from early childhood through college prep (PYP, MYP, and DP). In 2019, CDS was honored to become one of only 15 U.S. schools to earn membership in the Cum Laude Society and also offer an International Baccalaureate education.

CDS is currently expanding its physical facility and is adding a 38,000 square foot Innovation Center (09/2021) to address the contemporary needs of STEEM and entrepreneurial students.

### **The Position of Lower School Design Technology Teacher:**

Develop and teach the Lower School maker lab curriculum. Provide leadership and expertise to ensure that design thinking is integrated into all aspects of the Lower School curriculum, including the Early Childhood Center, and is aligned with the mission, goals, and objectives of the school.

### **Job Responsibilities:**

- Effectively plan and execute/teach the maker lab curriculum in the Lower School (LS) to develop students as inquisitive learners, innovative “kidtrepreneurs”, and critical thinkers
- Provide cognitively challenging and developmentally appropriate coding, engineering, robotics, and design thinking instruction and projects to students from 1st grade to 5th grade

- Manage the requisition, acquisition, organization, utilization, maintenance, and inventory of all LS Maker Lab resources
- Provide a culturally and physically safe and open environment for learning, building, and experimenting through a variety of materials, tools, and techniques for making
- Model and promote the value of “failure” as a learning experience
- Collaborate with other Design Technology team members both within the LS, with particular attention to alignment with the Early Childhood Center, and across other divisions to implement an engaging, innovative, and linear curriculum that builds over time
- Sponsor and stimulate excitement for an engaging after-school robotics program
- Provide for unstructured opportunities to code, make, and create passion projects
- Collaborate with and provide professional development and assistance to faculty to embed and incorporate design thinking into all aspects of the LS curriculum
- Communicate with the Director of Marketing to champion and promote projects within the maker lab
- Communicate with faculty/staff/parents regarding library activities
- Commit to keeping current in professional learning practices, information technology and educational research related to maker programs and design technology for young children
- Become knowledgeable in the IB PYP program and become a valued resource to the teachers and students during their Units of Inquiry
- Be a team player; cheerfully participate in and/or assist with pick-up and drop-off, car line, lunch duty, assemblies, field trips, and other duties and routines regularly part of a Lower School environment
- Meet regular attendance requirements, including attending division and other school meetings, professional days, graduation, and other required events
- Adhere to School policies as described in the Employee Handbook and other materials
- Be a role model of integrity and professionalism
- Other duties as assigned

#### **Qualifications:**

- Bachelor's Degree required degree in Elementary Education, or other related field
- Experience as a classroom teacher in an elementary setting
- Forward-thinking vision and pro-active exploration into ways technology and making can enhance learning
- Have or complete within one year, the Category One training within the IB PYP; may be required to do training over the summer
- Strong understanding of the academic, social, and emotional development of Lower School aged children
- Have a passion for teaching and learning with young children
- Significant experience in developing and implementing project based learning curriculum
- Successful experience with robotics, preferably on a competitive level
- Proficiency with laser cutting, 3D printing, and other maker tools and incorporating these tools in meaningful ways to enhance student learning
- Demonstrated success at providing professional development and coaching of faculty is strongly preferred
- Possess a deep understanding of Design Thinking
- Strong collaborative skills and eagerness to work with colleagues
- A strong background in educational technology and the use of the many apps used in the lower school
- Strong proficiency in the Google suite of products (docs, sheets, drive, classroom, etc.) is required
- Demonstrated organizational skills required
- Excellent verbal, written, and presentation communication skills
- A high degree of professionalism, collegiality, and personal conduct both in and outside of school

- Ability, willingness, and judgment to interact and communicate effectively with all constituents in a school environment
- Enthusiasm and commitment to the vision and mission of the School

Compensation includes a comprehensive employee benefits package; CDS offers a competitive salary commensurate with background and experience.

Qualified candidates should send resume and statement of interest to Anita Pittman, Director of Human Resources: [apittman@carrollwooddayschool.org](mailto:apittman@carrollwooddayschool.org)