



## **Lower School Science and Math Specialist Position Profile**

Carrollwood Day School is looking for a passionate and dynamic educator to provide leadership and expertise as our Lower School Science and Math Specialist. The ideal candidate will inspire students to act and think as scientists every day: asking questions, conducting experiments, and learning deeply by following lines of inquiry to discover the world around them.

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 Science and Math Specialist:**

Develop and teach science to students from First Grade through Fifth Grade. Provide specialist expertise in the math curriculum throughout the Lower School.

### **Job Responsibilities:**

- Effectively develop the scope and sequence of the FOSS science curriculum in the Lower School (LS) to develop students as inquisitive learners, responsible experimenters, ethical researchers, and critical thinkers
- Ensure that the LS science curriculum adheres to [Next Generation Science Standards](#)
- Plan and teach cognitively challenging and developmentally appropriate science instruction and hands-on projects to all students from 1st grade to 5th grade

- Provide a culturally and physically safe and open environment for learning and experimenting through a variety of materials, tools, and techniques
- Model and promote the value of “failure” as a learning experience
- Collaborate with other faculty and programme coordinators both within the LS, the Early Childhood Center (ECC), and across other divisions to implement an engaging, innovative, and linear science curriculum that builds over time
- Implement science-based and interdisciplinary STEEM units and projects in conjunction with homeroom and Design Tech team teachers
- Manage the requisition, acquisition, organization, utilization, maintenance, and inventory of all LS science resources
- Collaborate with and provide professional development and assistance to faculty to embed and incorporate math and science skills into all aspects of the LS curriculum
- Provide individual and/or small group remedial instruction with struggling students; before, during and/or after the regular school day, as needed
- Provide individual and/or small group enrichment instruction with advanced students; before, during and/or after the regular school day, as needed
- Provide math teaching strategies and math skills in small group or whole class setting (push-in, pull-out or team-teaching)
- Collaborate with the LS Admin team for decisions related to math and science curriculum, resources and materials
- Collaborate with grade level teachers to develop and implement formative and summative assessments for science that are embedded in the Units of Inquiry
- Communicate with the Director of Marketing to champion and promote projects within the science and math programs in the Lower School
- Commit to keeping current in professional learning practices and educational research related to science and math curriculum 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
- Be a role model of integrity and professionalism
- Other duties as assigned

**Qualifications:**

- Bachelor’s Degree degree in Elementary Education, or other related field
- Master’s Degree in a related field strongly preferred;
- A minimum of three years of classroom teaching in an elementary setting is required
- 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
- Strong math skills; experience with Singapore or Dimensions Math is preferred
- Have a passion for teaching and learning with young children
- Successful experience in developing and implementing project based science curriculum for young children
- Demonstrated success at providing professional development and coaching of faculty is strongly preferred
- 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)