



Design Thinking Teacher

The Madeira School is an independent boarding and day school that educates girls in grades 9-12. The scenic 376-acre campus is just 10 miles from Washington, DC. Enrolling 340 students from 21 states and 38 countries, Madeira holds itself to the vision of leading innovation in girls' education and the mission of launching women who change the world.

The Madeira School is seeking a skilled and experienced Design Thinking teacher starting in August 2026. Responsibilities include but are not limited to teaching a range of design thinking classes, maintaining the Makerspace and Fab Lab, serving as an advisor, facilitating an afternoon activity, and participating in other school activities. Effective collaboration with colleagues and a commitment to encouraging the potential in every student is essential.

Position Responsibilities

- Manage a load that will include teaching, advising, facilitating and/or developing an afternoon activity, collaborating with colleagues, and participating in professional development on campus. Note: the Design Thinking Teacher will have a slightly reduced course load compared to other teachers to accommodate the makerspace management and outreach component of the position.
- Have the content knowledge and curriculum development skills to teach Design Thinking Lab (a required ninth grade course) and to develop and teach additional more advanced Design Thinking level courses and curriculum.
- Coordinate, manage, and maintain the School's Makerspace and Fab Lab (integral facilities to the school's STEAM and Educational Technology programs).
- Maintain makerspace and fabrication lab equipment, and, in conjunction with the Director of Educational Technology, research and recommend additional equipment to purchase for the makerspace and fabrication lab.
- Develop and implement systems to help students use and maintain the makerspace and fabrication lab as organized learning spaces.
- Know how girls learn and use this knowledge to guide instructional and curricular decisions; apply principles of student-oriented learning when developing curriculum and assessing student learning.
- Develop a classroom culture that is inclusive, safe, joyful, and fosters a sense of belonging for students of all identities and backgrounds.
- Works collaboratively with a team of faculty, colleagues, administrators and parents.

- In conjunction with the Director of Educational Innovation, develop and deliver professional development for faculty on incorporating makerspace and fab lab tools into curriculum.
- Maintains accurate student records such as grades and comments and communicate such data in accordance with the Academic Calendar and School expectations.

Requirements

- Teaching experience required, at least three years of teaching experience preferred.
- Bachelor's degree required, masters degree preferred.
- Experience using the Design Thinking process in the classroom required.
- Experience working with makerspace tools and technology including 3-D Printers, laser cutters, power tools, Adobe Creative Cloud, CAD Drafting and 3D modeling software required.
- Experience working in a makerspace, fabrication, or design setting required.
- Experience in engineering, fabrication, design, or a related field preferred.
- Self-starter with ability to innovate and think creatively about education.
- Ability to inspire students and encourage creative thinking.
- Ability to and interest in contributing to the school outside one's academic department including the afternoon activities program, residential program, and interdisciplinary offerings.
- Ability to use, adapt, and introduce a wide variety of technology tools to support and deepen student learning.

To apply, please send your resume and letter of interest to hr@madeira.org.