



Emily Warren Roebling

(United States, nineteenth century)



Emily Warren Roebling played a key role in the completion of the **Brooklyn Bridge**, one of the most iconic engineering works of the 19th century. When her husband, Washington Roebling, the project's chief engineer, became seriously ill from coffins disease, Emily took over the day-to-day supervision of the construction.

Despite having no formal academic training in engineering, Emily dedicated herself to technical study, acquiring knowledge in areas such as material strength, stress analysis and construction management. She became the essential link between the bedridden husband and the engineers on the ground, ensuring the correct execution of the instructions and the defined plans.

Its role went far beyond the simple transmission of messages. Emily made technical decisions autonomously, coordinated teams, solved structural problems and defended the project before public and political entities. She was publicly recognized at the bridge's dedication ceremony and has become a symbol of determination, intellectual competence and female leadership in a traditionally male field.

Emily Warren Roebling is a striking example of **applied knowledge in engineering, project management and leadership**, being an inspiring figure in the STEAM universe who continues to motivate new generations.

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Zaha Hadid

(Iraq / United Kingdom, 1950–2016)



Zaha Hadid was a visionary architect who challenged the conventions of contemporary architecture with her bold, fluid, and futuristic style. Born in Baghdad, she graduated in Mathematics before dedicating herself to Architecture in the United Kingdom, where she built an international career of enormous impact.

She was the **first woman to receive the Pritzker Architecture Prize**, in 2004, the most prestigious in the field, paving the way for the global recognition of female talent in technological and creative professions. Her works are recognized for their formal boldness, technological innovation and integration with the surrounding space.

Among his most iconic projects are the **London Aquatics Centre** (for the 2012 Olympic Games), the **MAXXI Museum** in Rome and the **Sheikh Zayed Bridge** in Abu Dhabi. Zaha combined art, engineering and mathematics in her creations, breaking with traditionalism and demonstrating that architecture can be expression, movement and identity.

Zaha Hadid is an example of **creative excellence, technological innovation and female leadership in the STEAM universe**, inspiring young people around the world to think without limits.

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