

The Historic Dockyard Chatham

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As a site of Scientific Innovation for almost 400 years, the Historic Dockyard Chatham continues to inspire future generations of children and adults in the Historic setting.

Both school groups and families can experience hands-on STEM activities during a visit to the Dockyard.

The 'Full Speed Ahead' sessions enable visitors to design and build their own powered warships, and test them in our purpose built Tow Tank. Here they learn about hull design, and factors that affect how ships travel through the water.

Inspired by the Seacat Missiles on HMS Cavalier, the Royal Navy's last surviving Second World War Destroyer, visitors can design and fire their own air-powered rockets. During the 'Ready, Aim Fire!' activity they explore Newton's Laws and how fins and canards affect rocket flight.

In true Dockyard tradition, visitors can learn about cannons or 'Guns' as they are called onboard an historic warship, and fire replica model cannons. 'Gun Deck Challenge' utilises chemical reactions within a self-made propellant to launch the cannon ball at a target.

<https://thedockyard.co.uk/learning>