



FREE STEM Workshops for KS2

Introduce your pupils to the exciting world of **engineering**.
Bring science, technology, engineering and mathematics to life
with **real world challenges**.

Provide pupils with opportunities to **enrich their STEM learning**.
practice STEM skills, collaboration and communication.

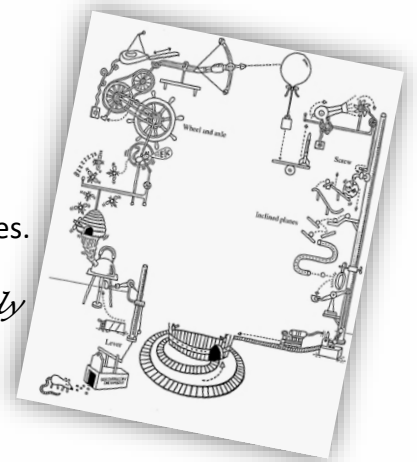
For Y5/6 Pupils

Marvellous Moving Machines (1 day of challenges for Y5/6)

Discover and explore simple machines. Accept the challenge to combine them to create a ridiculous pointless machine powered by gravity and marbles. (Choice of Outdoor and indoor version)

"Absolutely fantastic workshop. Perfect pace. The children were fully engaged in the task all day. The end product was a result of successful teaching and learning partnership."

KS2 teacher, Dolphinholme Primary



Energizing Energy (1 day of challenges for Y5/6)

How is it made, how is it stored, how is it used?

Explore how engineers use natural resources to produce energy, how they store it and how they move it to be useful.

"A great insight into the engineering process-allowing children to fail and learn from it." Lancaster Road Primary

Engineering Olympics (Morning of challenges for Y5/6)

Pupils will work together in small teams to develop their communication and collaborative teamwork skills as they solve challenges to transport the robot Olympian fastest, furthest and highest.



Engineering Fairy tales for Y3/4 (2 hours of story related challenges)

Choose between protecting Jack's (borrowed, not stolen) golden egg, or rescuing 2 children from an edible house.

"Great to see how to engage children through stories."

Christchurch Primary Y3/4 teacher