

PRIMARY

School Workshop Options

Power Your World



KS2



Half day
2.5-3 hrs

Learn about energy and power and build and test a wind turbine.

Subject areas:

- Environment
- Engineering
- STEM

Destination Rail - Race to construct



KS
1-2



Half day
2.5-3 hrs

Discover rail careers whilst building a railway track and completing mini challenges.

Subject areas:

- Engineering
- STEM
- Careers

STEM Day (carousel)



KS1



Full day
4-5 hrs

Workshops:

- Minibeasts
- Stars and space
- Bridge Building
- Robot programming

Subject areas:

- STEM
- Teamwork
- Raising aspirations

STEM Day (carousel)



KS2



Half Day
2.5-3 hrs



Full day
4-5 hrs

Workshops:

- Robot programming
- Optics
- Fit for life
- Circuits
- Design and deliver

Subject areas:

- STEM
- Engineering

SECONDARY

School Workshop Options

Green Drive



KS3



Half day
2.5-3 hrs

Discover
the pillars of
sustainability and
build and test an
electric car.

Subject areas:

- Environment
- Engineering
- STEM

Destination Rail – Stations to success (carousel)



KS
3-4



Half day
2.5-3 hrs
(core)



Full day
5-6 hrs

Workshop:

- Core - Innovation station
- Core - Skills station
- Core - Careers station
- Enterprise station
- Industry ambassador interaction

Subject areas:

- Engineering
- Careers

Destination rail - Enterprise station



KS
3-4



Half day
2.5-3 hrs

Workshops:

- Plan and design a new train station
- Meet Industry ambassadors

Subject areas:

- Engineering
- Careers
- Enterprise

Engineering Our Future (carousel)



KS
3-4



Half day
2.5-3 hrs
(core)



Full day
5-6 hrs

Workshops:

- Core -iEngineer
- Core- Design Room
- Core - Career Hunt
- Solution Engineering
- Engineering infrastructure

Subject areas:

- Engineering
- Careers

SECONDARY

School Workshop Options

STEM Day

(carousel)



KS3



Half day
2.5-3 hrs



Full day
5-6 hrs

Workshop:

- Robot Programming
- Tower Tournament or Design and Deliver
- Practical Physics – big kit
- Code Breaking
- Molecules to Medicine

Subject areas:

- STEM
- Engineering

STEM Day

(carousel)



KS4



Half day
2.5-3 hrs

Workshop:

- Molecules to Medicine
- Biology of Brains
- Design and Deliver
- Myth Buster (ambassador session)
- STEmployment Quiz

Subject areas:

- STEM

Motivation Day / Aspire 2 Me day

(carousel)



KS
3-4-5



Full day
5-6 hrs

Workshop:

- Motivational Talk or Training the mind
- Communication Skills
- Target Setting
- Skills for Success
- Sources of Motivation

Subject areas:

- Motivation

SECONDARY

School Workshop Options

LEARN
bydesign 

Enterprise Day



KS
3-4



Full day
5-6 hrs

Workshops:

- Business Planning
- Target Setting
- Finance Game
- Who want to be an entrepreneur Quiz?
- Marketing and Advertising

Wellbeing Day



KS
3-4



Full day
5-6 hrs

Workshops:

- Challenge Ready
- Stress Busters
- Self-Value
- Value of Diversity
- Building Motivation

Employability Day



KS
3-4



Full day
5-6 hrs

Workshops:

- Communication skills – robots
- CV Builder
- The Interview experiences
- Online brand
- The Search is On

www.learnbydesign.co.uk/our-workshops