CATERING

Alongside rail tickets, food and drink sales are responsible for a large portion of rail industry profits. Whether it be on board the carriages or aside platforms, commuters are often on the lookout for a snack or two. To make this possible a varied team of workers is required to design menus, source ingredients, produce food and serve hungry customers.

EXAMPLE JOB ROLES INCLUDE

- On train caterers
- Station food outlet managers
- Food technologists
- Chefs

THINK!
IDEAS
INNOVATION

YOUR TASK

Design an app to assist with catering within the rail industry.

#iRail

iRail

iRail

- CAREERS
- RAIL
- LEADERS
- ENGINEERING
- NETWORKS
- FUTURE
- INNOVATION
- INDUSTRY

Rail Forum
East Midlands

The Big Bang
Near Me

ENGINEERING

Engineers are required to design, build and maintain all areas of the rail industry environment, including train carriages, tracks, stations and platforms. As practical problem solvers, rail engineers complete various tasks from ensuring that bridges are stable, to fitting the speaker systems within stations. Alongside scientific and mathematical knowledge, this work requires teamwork and communication skills to keep things moving.

EXAMPLE JOB ROLES INCLUDE

- Maintenance operatives
- Structural engineers (e.g. bridges)
- Train designers
- Carriage builders
- Architects (e.g. station designers)

THINK!
IDEAS
INNOVATION

YOUR TASK

Design an app to assist with engineering within the rail industry.

#iRail

iRail

iRail

- CAREERS
- RAIL
- LEADERS
- ENGINEERING
- NETWORKS
- FUTURE
- INNOVATION
- INDUSTRY

Rail Forum
East Midlands

The Big Bang
Near Me

GEOGRAPHY

Rail tracks take up a lot of space, with over 15,000km of track existing in the UK alone. Every inch of this track needs to be carefully placed, to minimise harm to the environment whilst ensuring that routes are efficient and unlikely to flood too often! A team of workers are therefore required to investigate the landscape, predict the likelihood and effects of extreme weather, and use specialised computer software to calculate the best routes and locations for new tracks and stations.

EXAMPLE JOB ROLES INCLUDE

- Route planners
- Surveyors
- Ecologists
- Geologists
- Meteorologists

THINK!
IDEAS
INNOVATION

YOUR TASK

Design an app to assist geographers working within the rail industry.

#iRail

iRail

iRail

- CAREERS
- RAIL
- LEADERS
- ENGINEERING
- NETWORKS
- FUTURE
- INNOVATION
- INDUSTRY

Rail Forum
East Midlands

The Big Bang
Near Me

HEALTH AND SAFETY

As with all areas of life, health and safety is very important within the rail industry. People need to be kept safe around bridges, on the trains themselves, at stations, on and around tracks and even in offices and warehouses. It's not all about preventing crashes (although that is very important too); it also prevents people being harmed by the train industry, environment or other people around them.

EXAMPLE JOB ROLES INCLUDE

- Transport police
- Structural designers (maintaining bridge safety etc.)
- Security
- Safety poster designers
- Teachers and trainers
- First Aiders

THINK!
IDEAS
INNOVATION

YOUR TASK

Design a mobile app to assist with the health and safety aspect of the rail industry.

#iRail

iRail

iRail

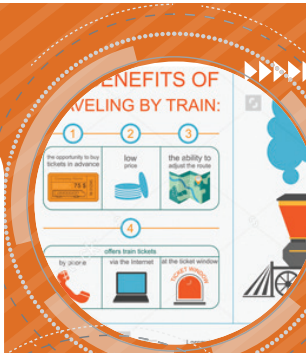
- CAREERS
- RAIL
- LEADERS
- ENGINEERING
- NETWORKS
- FUTURE
- INNOVATION
- INDUSTRY

Rail Forum
East Midlands

The Big Bang
Near Me

MARKETING

The rail industry is expensive to run and maintain, so there is always pressure to sell more rail tickets. Adverts are vital in maximising sales, whether they be online, television, radio or print. A team of workers are therefore employed to research, design and produce effective adverts. Furthermore, train carriages, stations and platforms also provide ideal advertising spaces, which can be cashed in on by selling advertising opportunities to other organisations.



EXAMPLE JOB ROLES INCLUDE

- Poster designers
- Photographers and videographers
- Printers
- Press officers

THINK!
IDEAS
INNOVATION

YOUR TASK

Design an app to assist with marketing of the rail industry.

#iRail

iRail

iRail

- CAREERS
- RAIL
- LEADERS
- ENGINEERING
- NETWORKS
- FUTURE
- INNOVATION
- INDUSTRY

Rail Forum
East Midlands

The Big Bang
Near Me