

Context

Kier employs cutting-edge technology and applies the diverse skills of its teams to deliver high quality construction projects across all market sectors.



Kier provides a comprehensive building and civil engineering service offering construction excellence to private and public sector clients across the UK and overseas. This is complemented by a range of specialist businesses offering engineering design, interiors and refurbishments, mining, mechanical & electrical design and installation, BIM and 3D modelling.

Whether delivering a standalone project or bringing strength as part of an all-



Kier team, the Construction division consistently demonstrates its flexibility, creativity and ability to deliver a standard of service and quality of product that underpins the longevity of its customer relationships.

Scenario

As a design engineer and project manager you will often be working with organisations from different sectors to come up with solutions to their problems. Kier has a strong sense of corporate responsibility and likes to give back to the communities it works with, however this must be set against a backdrop of maintaining profitability so Kier can continue to invest in business improvement and development of its staff.

You have been involved in the design and build of the new SGS Berkeley Green UTC. This successful development has been an extremely positive way to showcase your personal capabilities to the company, and the capabilities of Kier to the wider community. You want to give that little bit extra back and have proposed a project to your line manager.



Task

You will work in groups of 2-3 and will have to produce all of the following over the duration of the project:

- You must design a multi-use break out area to the back of the UTC where students can informally play sports but also relax when not in lessons.
- You have a very limited budget of £10,000 (you can use estimates), however if you can get it in under this budget then the project is more likely to get the go-ahead from your management.
- You need to think creatively about how you could help finance this development, alternative sources of funding may also increase the chances of this project being given the go ahead.
- Make a list of all the things you must take into consideration when designing the area (think environmental, financial etc).
- Create a 2-3 minute video presentation that outlines your idea.
- A short biography of Kier outlining what they do and what the sector is all about.