

Delivering a Large-Scale Construction Project Topic Overview



Overview: The Schools Programme will be led by the North London Waste Authority and partner organisations who have been procured for the construction of the North London Heat and Power Project.

This note provides an overview of the 'Delivering a Large-Scale Construction Project' session that can be delivered to students in Key Stage 3, 4 or 5 to stimulate interest in STEM subjects and careers in the engineering, construction and built environment industry.



Aim: To introduce students to the project lifecycle of a major construction project, focusing on the variety of activities involved in a project such as the North London Heat and Power Project.

Description: Understanding the process of delivering a large-scale construction project, the stages of the project lifecycle as well as the various professions involved in the delivery.

Session Content*:

- Interactive presentation including:
 - The stages of the project from inception/planning to design and delivery, with real life examples
 - Talking through the models used to design the site
 - Discussion of local community engagement and sustainable construction practices
 - Activity session, could be: structure challenge, egg drop experiment, debate, snakes and ladder game

**Please note that content and duration of sessions are flexible and can be changed to be suited to what the school would prefer be included. Sessions should be booked at least 2 weeks in advance.*

Session Duration: approx. 45 minutes.

Curriculum Links: Geography (economic activity across sectors)

Link to relevant Gatsby Benchmarks: Benchmark 4 (Linking curriculum learning to careers), Benchmark 5 (Encounters with employers and employees)

For further enquiries and to book a session please contact:
info@northlondonheatandpower.london