

# Delivering a Large-Scale Construction Project Topic Overview



**Overview:** The award-winning North London Heat and Power Project (NLHPP) Schools Engagement Programme presents the 'Delivering a Large-Scale Construction Project' workshop. Aimed at students in Key Stage 3, 4, or 5 to stimulate interest in STEM subjects and careers in engineering, construction, and the built environment, the workshop will explain to students the process of delivering a large-scale construction project, the stages of the project lifecycle, as well as the various professions involved in its delivery.



**Main 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 NLHPP.

## Outcomes:

- Learn about London's waste challenge and why the NLHPP is required;
- Learn about how the NLHPP is governed and who is involved;
- Understand the project cycle and the different job roles required.

## Session Content:

- Workshops can be delivered as part of an in-person workshop or as part of a site visit, depending on availability and risk assessments.
- Interactive presentation delivered by a technical expert from across the NLHPP, providing an overview of the EcoPark and Energy Recovery facility, 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 – this is tailored to meet specific booking requirements and may involve practical tasks or collaborative exercises aimed at enhancing comprehension of the day's session.

*Note: Content and duration of sessions are tailored to meet specific booking requirements. 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: [NLHPP@NLWA.gov.uk](mailto:NLHPP@NLWA.gov.uk)