

MAYOR OF LONDON

Design Future London



Design a New Village at East London's Royal Docks

The Mayor of London and architect and TV presenter George Clarke's charity MOBIE are inviting young people in London to design a new village in the Royal Docks, East London. We will launch the Royal Docks Young Persons' Design Challenge in September 2021, asking young people to create a masterplan for homes and green spaces in the area.

Are your young people interested in designing a beautiful, affordable and sustainable community for future living for Londoners? The free to enter challenge will help bring learning in subjects like geography, history and design and technology to life. The challenge will also introduce students to the built environment sector and the variety of jobs – from planning and architecture to engineering and construction – that exist in a sector that employs nearly 10% of the UK workforce.

Submission Details

There will be three age categories: 11-15, 16-18 and 19-24, and students can enter as individuals or as part of a group.

The full brief, details of the launch, the resource pack and other support, as well as what to submit, how and when will be published at the start of the next academic year. The launch documents will identify where the challenge fits with the national curriculum.

If you are interested in the challenge and want to receive more details, please register your interest at:

DesignChallenge@london.gov.uk

Visit **www.mobie.org.uk/challenges** to see previous challenges, entries and winners.

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Your Homes and Masterplan Design

Through the challenge, we will ask young people to design a beautiful, innovative, environmentally friendly community for Londoners. The homes should be affordable to buy or to rent and low/zero carbon. The masterplan should set out a proposal for the layout of the site including homes, greenspace and landscaping, communal areas, circulation and modes of transport, services, etc. The development could include a mix of studio apartments, one-, two- and three-bedroom flats and houses. It is up to students to decide the mix and what homes they will design.

The design should consider its location, the method of construction, the building materials to be used, energy, transport, accessibility and, above all, how the homes and place will be used. It should also consider how to protect our planet for future generations and create a safe, beautiful and healthy environment that will enhance the health and wellbeing of those who live there.

The challenge will ask young people to think about:

1. The Site

Students will learn about the site where the development will be built and its surrounding area. This part of East London is re-emerging as a commercial and cultural hub and exciting new waterfront, building on its maritime and industrial history.

A **comprehensive pack of resources** will be provided to enable students to understand the area and the site. This will include background information and resources on the themes of the challenge:

- Improving Air Quality
- Sustainable Transport
- Affordable Housing
- Green Energy

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2. Landscape, Nature & Environmental Conditions

Students will need to consider lots of different factors to put forward proposals for how to landscape the site to create a pleasant and welcoming environment, promote wellbeing and the natural environment, increase biodiversity, and address any challenges such as changes in levels.

3. People, Community & Services

Students will need to consider the requirements of future occupants and the surrounding community. They will need to think about who lives there now and who will live there in the future; what kinds of services, facilities and activities are on or close to the site; what future occupants will need; what digital technologies might be needed; how well designs will last into the future; whether there are any buildings or materials on site that could be reused rather than demolished; and how circular economy principles might be built in (promoting reuse and recycling for example).

4. Heritage

Students will need to produce a masterplan that reflects the proud industrial, maritime and multi-cultural history of the Royal Docks.

5. Design & Materials

Students will need to investigate new building technologies and methods of construction, such as Offsite Construction methods, and reflect this knowledge in their design proposals.

We look forward to working with you and your students on this exciting design challenge, to bring the curriculum to life and inspire a new generation of Londoners to think about and consider careers in the Built Environment sector.

Please register your interest at:

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