

TQUK Level 2 Certificate in Design, Engineer, Construct: The Digital Built Environment (RQF)

Resource Document

Cherry Tree Community Centre, Beverley

Scenario

The plot is situated to the north-east of the market town of Beverley.

Adjacent to the plot are:

1. two primary schools
2. East Riding School's Music Centre
3. Beverley Children's Centre.

The proposed site will be accessed from Burden Road.

The red line on the attached plan shows the plot.

The entire green space will be associated with the building. The area to the south-west will remain as a community football and cricket field, with the area to the south-east staying as a skatepark and playground.

- The space for the community centre has approval for a design with a **footprint of 1,760m²**
- The project should be multi-use and inclusive to all.
- The final build should be safe, comfortable, and offer support facilities.
- Smart technology and connectivity should be used.
- Outdoor areas should have easy access
- Outdoor areas should provide additional spaces for recreation and socialising.
- The sustainable and energy efficiency build features should also be a teaching tool for good working practice.

Map:



Brief:

The brief includes:

- Sustainable building:
 - Sustainable methods, ethical resourcing, energy efficiency and an innovative modern aesthetic
- Internal spaces
 - food science classroom 90m² (500 lux)
 - ICT suite 63m² (500 lux)
 - 2 general classrooms 63m² per room (500 lux)
 - 2 activity studios 168m² per room (300 lux)
 - art studio 83m² (with Kiln room 4m²) (750 lux)
 - recording studio for 4 people 9m² (250 lux)
 - recording room 9m² (250 lux)
 - youth social space 140m² (300 lux)
 - creche 40m² (300 lux)
 - foodbank 49m² (300 lux)
- Administrative
 - administration office 20m² (500 lux)
 - reception and cafe 52m² (300 lux)
 - staffroom 15m² (300 lux)
 - 2 toilets 21m² per unit (200 lux)

Budget and costs:

The total building project budget is £5.3 million.

It should be completed within a 12-month period.

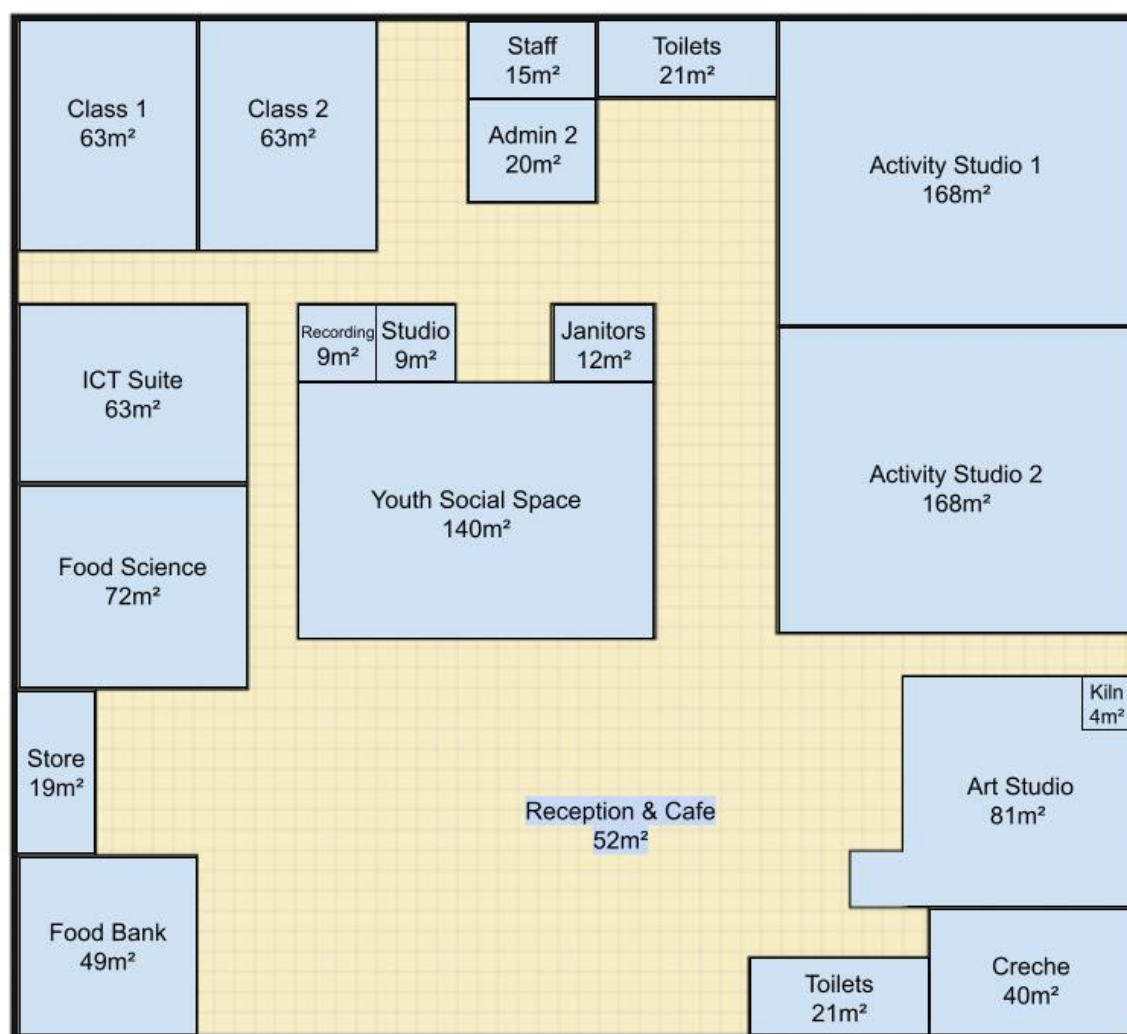
Building Costs

- £2,180 per square metre
- £250,000 external works allowance.

Additional Costs

- 12% professional fees
- 6% insurances
- 10% contingency.

Floor plan:



End of Resource Document