

## JOINING THE EPIC TEAM WORKSHEET

### Joining the EPIC Team: Stations of the Future

Imagine that you live in the year 2050. What will life be like? Taking on the role of a Civil Engineer, Customer Experience (CX) Designer, Environmental Advisor or Building Information Modelling (BIM) Technician, create a design proposal for a station of the future. This should include:

- A plan of a futuristic station.
- Annotations to explain your thoughts.
- Additional drawings showing your design ideas, including station furniture, technology and a front elevation drawing of the station.

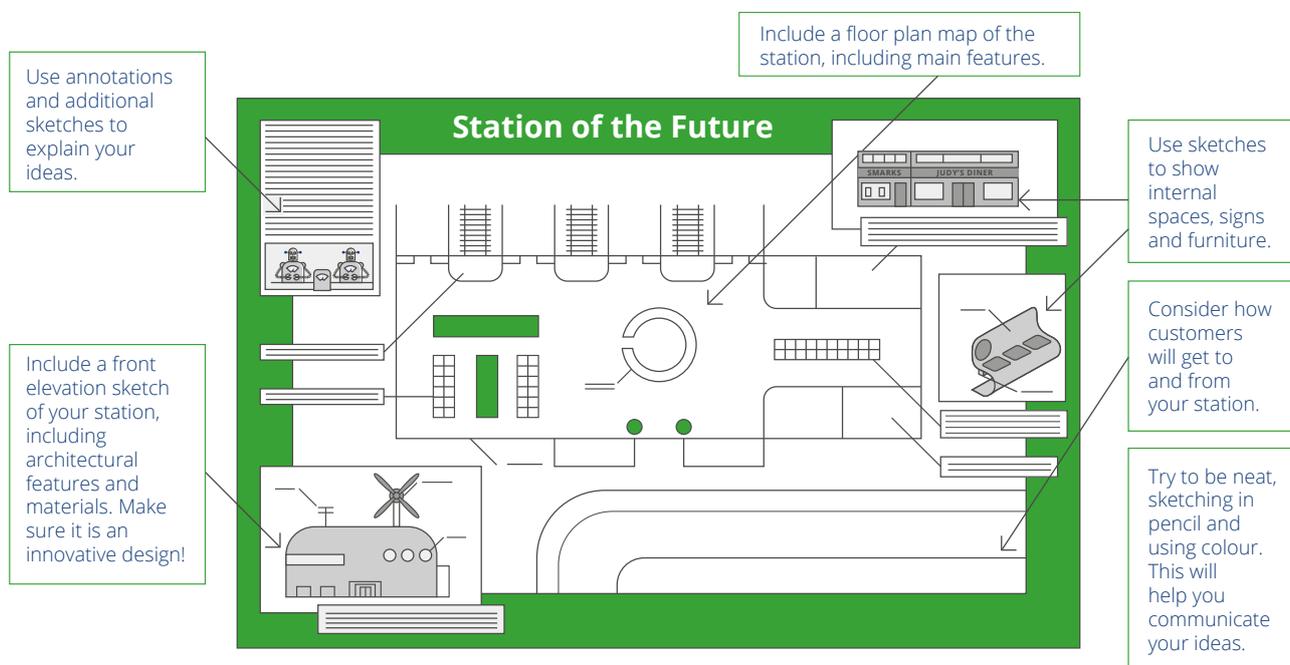
Present this in a conference style presentation. You will be assessed on your teamwork, creativity and communication skills.

#### Challenge 1: Design Proposal

- a) Sharing your ideas with your team, note down your initial thoughts in the space below, including any ideas you may have for the features of your futuristic station.

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b) Using the materials provided, create your station blueprint. An example is included below.



### Inspiration: Future Trends

What will life in the future look like? When designing new public buildings, it is important to think ahead and make predictions so your designs are suitable for the future. Here are some ideas to get you thinking.

- **Automation and digitisation** – What will our relationship with technology be like in the future? Will we be technologically enhanced cyborgs, or will we co-exist with robots that check our tickets and serve us space-food?
- **Changing mobility patterns** – How will we get to and from stations? Perhaps we will be ferried by fleets of driverless taxis, or travel around stations on hover-boards with motorised luggage. Where will we dock and park our travel technologies in stations of the future?
- **Digital communication** – Do we need departure boards in a digitally connected world? Will we still have ticket machines, or will we book tickets using our devices? Will holograms guide us around station spaces, or will the entire station be a hologram?
- **Sustainable architecture** – How will sustainable technologies be incorporated into our buildings? Will we incorporate renewable energy sources and natural materials into all our buildings? Consider sustainable materials such as a grass roof or plant walls, or if you can incorporate gardens, beehives, or nesting for bats and birds.
- **Leisure and food** – Stations are becoming multi-use spaces to socialise, shop and relax in. What types of shops will there be inside your station, and how will people relax whilst waiting to depart? What will the food in your station be like?

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### Challenge 2: Evaluate

Answer the following questions to evaluate your proposal.

a. How did your role contribute to the design process?

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b. Which *STEMPower* did you use the most in this activity?

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c. Self-assess your contribution to your team's proposal below.

<i>STEMPower</i>	Low							High
Creativity								
Teamwork								
Communication								