

Flying Start Challenge



Design an A320 Cabin



AIRBUS

ATKINS
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BAE SYSTEMS

 ROYAL NAVY
FLEET AIR ARM
MUSEUM

 GKN AEROSPACE

 **LEONARDO**
HELICOPTERS

MBDA
MISSILE SYSTEMS

 **ROLLS ROYCE**

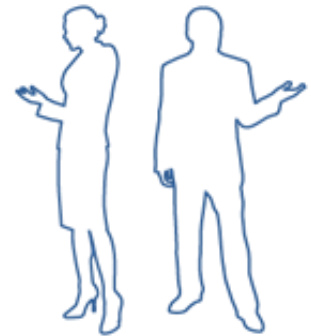
 **SAFRAN**

Brief

As a cabin designer your task is to design the inside of an Airbus A320 plane using the templates provided on the next page.

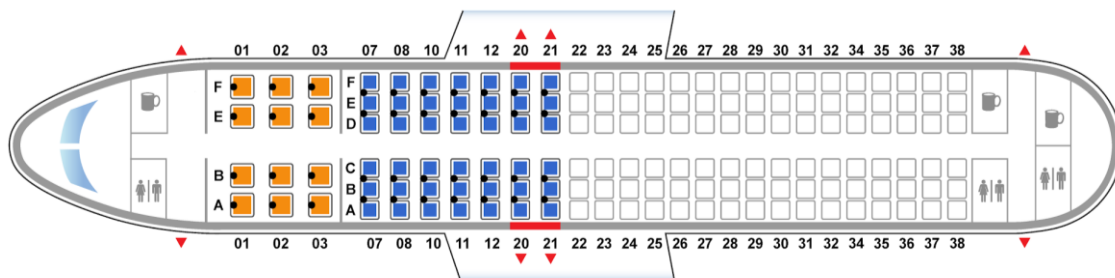
The inside of your cabin must contain:

- Economy class seats that face forward
- Business class seats that face forward
- An aisle that runs the length of the cabin
- Galley for snack/drinks/food service
- Toilet(s)



Top Design Tips

- Sketch out multiple concepts to compare different designs before deciding on a final design
- Research current cabin designs – what could you improve?
- Consider items that are not on the template that could be included. For example:
 - Emergency Exits
 - First Class Seats
 - Showers
 - In-flight entertainment



Templates

