

ACTIVITY 1: COMPARING SUPERSONIC AIRCRAFT

Directions:

Watch the videos on the [Concorde](#) and [A-12](#) and identify design features that help each aircraft fly at supersonic speeds in the space provided.

| Aircraft | Design Features |
|----------|-----------------|
| | |
| | |

What design features do both aircraft have in common?

ACTIVITY 2: DESIGN YOUR OWN SUPERSONIC AIRCRAFT

Directions:

Reflect on the design features of the [Concorde](#) and [A-12](#). In the space below, draw your own design for an aircraft that can travel Mach 4, or four times the speed of sound.



What design features does your aircraft have that helps it reach supersonic speeds?