



Science

Aim: Use evidence to support a conclusion

We know that airplanes *can* fly, but *how* do they fly?

Pretend you invented the airplane, and you need to convince people it will fly so they will buy tickets. Gather information and evidence about the science of how airplanes fly.

Create a presentation or a newspaper article sharing this breaking news!

History

Aim: Be able to gather information from simple sources

Do some research and answer the following questions:

- 1) Who invented the first airplane?
- 2) Where was the first airport?
- 3) Who was Amelia Earhart?

Make a brochure about flying including this information!

Complete three academic and two personal learning activities

Personal learning

Communication:

Interview someone in your family about their favorite place they have ever traveled. Either write a summary of your interview or record it on video. Ask them WHY it was their favorite? What was the trip there like? (Long, short, stressful? Did they go by car, plane, or another way?)

Adaptability:

Pretend an emergency has happened, and you MUST get to Da Nang, Vietnam, but you cannot fly! Find out at least three other ways you could travel there, and how long would it take? (for example, drive, train, walk, bicycle, rollerskate, etc)

Resilience:

Build your OWN model airplane to bring in and share with the class using any materials you can!

Technology

Aim: Be able to improve products

Think of any time you have flown on an airplane. What services did you have? (a TV in the back of your seat? Food service? Toilets?) Draw and LABEL a very DETAILED diagram of a plane with suggestions for improvements.

For example, should the plane have a video game area? A gym on board? A place for sleeping? Clearly and carefully draw and label a diagram you can *explain* to the class.

International

Aim: Compare the contrast our lives with the lives of others

Airports in different places offer different services. Some may have areas for sleep, prayer, shopping, smoking, and more, while others may not.

Use the following websites to compare the maps and services of two different airports (even in the same county) to see what is the same and what is different.

You can use any airport you research!

<http://www.airportterminalmaps.com>

[https://www.schiphol.nl/en/airport-](https://www.schiphol.nl/en/airport-maps/)

[maps/](https://www.schiphol.nl/en/airport-maps/)

<https://www.flysfo.com/maps>