

International Civil Aviation Day (December 7, 2025)

TEACHING GUIDE

i What? It's a special day celebrating civil aviation: passenger planes, pilots, airports, and everything that allows people to travel the world.

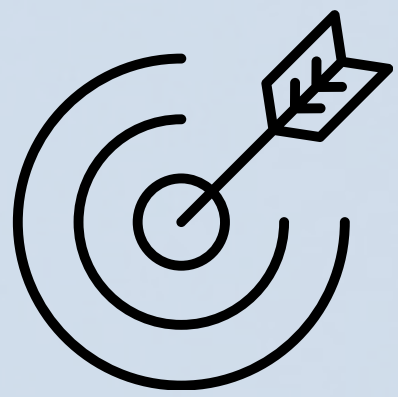
u Who? Those who fly (more than four billion in 2024!) and those who keep them flying: pilots, flight attendants, mechanics, and so on.

g Where? The day is celebrated all over the world by schools, airlines, and airports.

o When? Every year on December 7th.

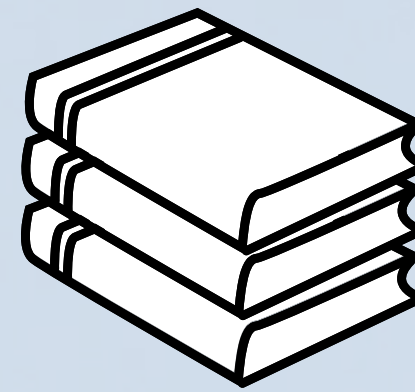
? Why is it important? To remind us of the importance of aviation in our daily lives: traveling, connecting countries, transporting goods, and ensuring safety in the air.

@ For this activity, your goal will be to learn a little more about civil aviation and some airlines.



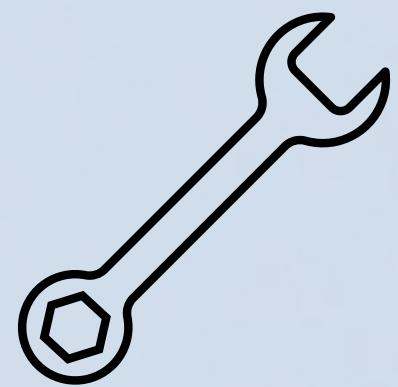
OBJECTIVES

- Understand what civil aviation is and its role in the world.
- Identify airlines by their logos.
- Discover the concept of a livery (aircraft decoration) and analyze visual elements.
- Observe and describe graphic designs applied to airplanes.
- Read a simple map and locate cities/countries.
- Perform two short calculations related to air traffic (division, speed).



SUBJECTS

- **Social Studies & Geography.** Countries, flags, location, national logos, air traffic, most frequented routes, observation of images and simple maps.
- **English.** Informative reading, observation and visual description, short written answers.
- **Visual Arts.** Analysis of colors, shapes, patterns, symbols, understanding of artistic intentions. Expression of a reasoned choice.
- **Mathematics.** Simple division (passengers / days). Speed = distance ÷ time.



COMPETENCIES

- Read and extract information from a map or image.
- Make connections between symbols, countries, and logos.
- Describe a work of art (airplane livery) using simple vocabulary.
- Compare quantities and perform simple calculations.
- Develop observational skills.



DURATION

- About 60 minutes



GETTING STARTED

- Suggest a quick discussion:
 - "How can you recognize a country by looking at an airplane?"
 - → Bring up logos, colors, and symbols.
- Show a decorated airplane (Pokémon, Tintin, Star Wars, etc.) and ask:
 - "Can airplanes be works of art?"
 - "Why would an airline want to decorate its airplane?"

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QUESTIONS AND ANSWERS

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STEP 1 — Planes and Nations. Google search and answer to five questions related to airline logos.

Q1 — The animal is a kangaroo, and it represents the Australian airline QANTAS.

Q2 — The leaf is a maple leaf, which is also found on the Canadian flag. It is the Air Canada logo.

Q3 — The Eye of Horus is a symbol from Egyptian mythology. The airline is Egyptair.

Q4 — The bird appearing on the JAL logo is a crane.

Q5 — Aer Lingus is an airline based in Ireland.

STEP 2 — Style at 10,000 meters high. Observation of different aircraft liveries and personal answer about the most original livery.

Q6 — Personal answers

Q7 — All Nippon Airways (ANA) is based in Japan, just like Pokémon. Brussels Airways is based in Belgium, the birthplace of Hergé, the creator of Tintin.

STEP 3 — In-Flight Calculations. Two math problems based on information about the busiest flight in 2024, from Seoul to Jeju Island, South Korea.

Q8 — $13.2 \text{ million} \div 365 \approx 36,000$ passengers/day.

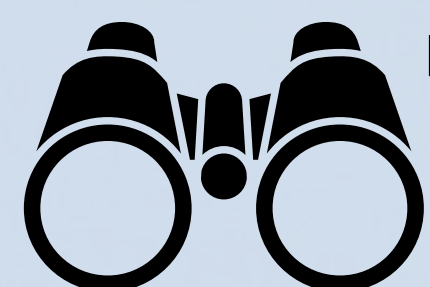
Q9 — $\text{Time} \times \text{distance} = \text{speed}$. Therefore, $440 \text{ kilometers} \times 1.17$ (70 minutes $\div$ 60 minutes = 1.17) = approximately 375 kilometers/hour.



WRAPPING UP

 Quick recap of the activity:

- What did you learn about how airplanes represent their countries?
- Which airplane had the most original design, in your opinion? Why?
- Did you expect the busiest flight to be in Asia?
- What aspect did you like best: the logos, the designs, or the flight calculations?



FURTHER EXPLORATION

-  Benzema Antoine, *150 Amazing Facts About Airplanes For Curious Kids: An Aviation Book for Budding Adventurers*
-  "Science with Dr Karl: How planes fly!". National Geographic Kids.
(<https://www.natgeokids.com/uk/discover/science/general-science/science-dr-karl-planes-fly>)

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AMAZING
FACTS ABOUT
AIRPLANES



FOR CURIOUS KIDS