

CONCORDE DAY

MISSION: ALPHA FOXTROT

BRITISH YOUNG PILOTS
AEROSPACE BRISTOL · SUMMER 2026

Name:

Team:

Your mission: you are visiting the **very last Concorde ever built — and the last one to fly**. She landed here at Filton on 26 November 2003 and never flew again. This year she turns **50 years old since Concorde first carried passengers**. Find the answers hidden on board and around the museum. **Tick each one as your team finds it!**

SECTION A — ON BOARD ALPHA FOXTROT look carefully as you walk through

1 Every aircraft has registration letters. Find Alpha Foxtrot's — written near the tail.

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2 Look at the passenger windows. Why are they so tiny?

Clue: think about how HIGH she flew...

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3 Count a row of seats. How many passengers could Concorde carry?

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4 Find a Machmeter (the cabin display that showed passengers their speed). What number was everyone waiting to see?

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5 Look into the cockpit. The pilots had a THIRD crew member behind them. What was their job called?

Clue: their wall of dials includes the fuel pumps.

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6 The pointed nose could droop downwards. Find out (or ask a guide): WHY did it need to droop for landing?

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SECTION B — AROUND THE MUSEUM the Bristol story

7 What engines powered Concorde — and how many did she have?

Find one on display — you can almost touch it.

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8 Bristol built flying machines for over 100 years before Concorde. Find ONE other aircraft built here and write its name.

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9 How long did Concorde take from London to New York? And a normal airliner today?

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10 Concorde's fastest-ever Atlantic crossing was in 1996. Find the record time.

Hours, minutes... and seconds!

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SECTION C — ENGINEER'S EYE look like a designer, think like a designer

- 11** Stand where you can see the whole wing. Sketch Concorde's wing shape.

Why do you think it's a triangle and not a normal straight wing?



sketch here

- 12** Spot a detail nobody else notices.

Something small, odd or clever. Draw or describe it — bonus points if the instructor didn't know it!



your discovery

- 13** Concorde was designed in the 1960s with slide rules and drawing boards — no computers. Write ONE question you would ask the engineers who built her.



- 14** The big one: in 2026 nothing you can buy a ticket on flies faster than sound. Do YOU think supersonic passenger planes should come back?

Circle one:

YES — bring it back!

/

NO — not worth it

...and give one reason:
