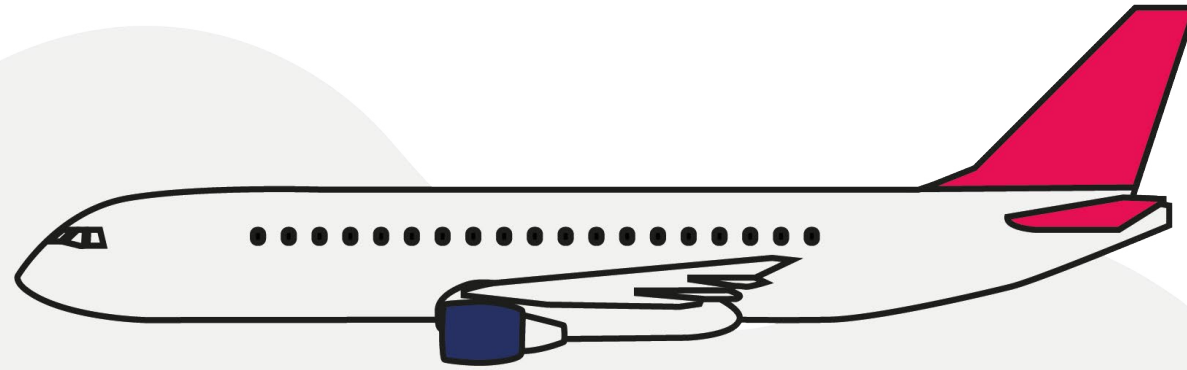




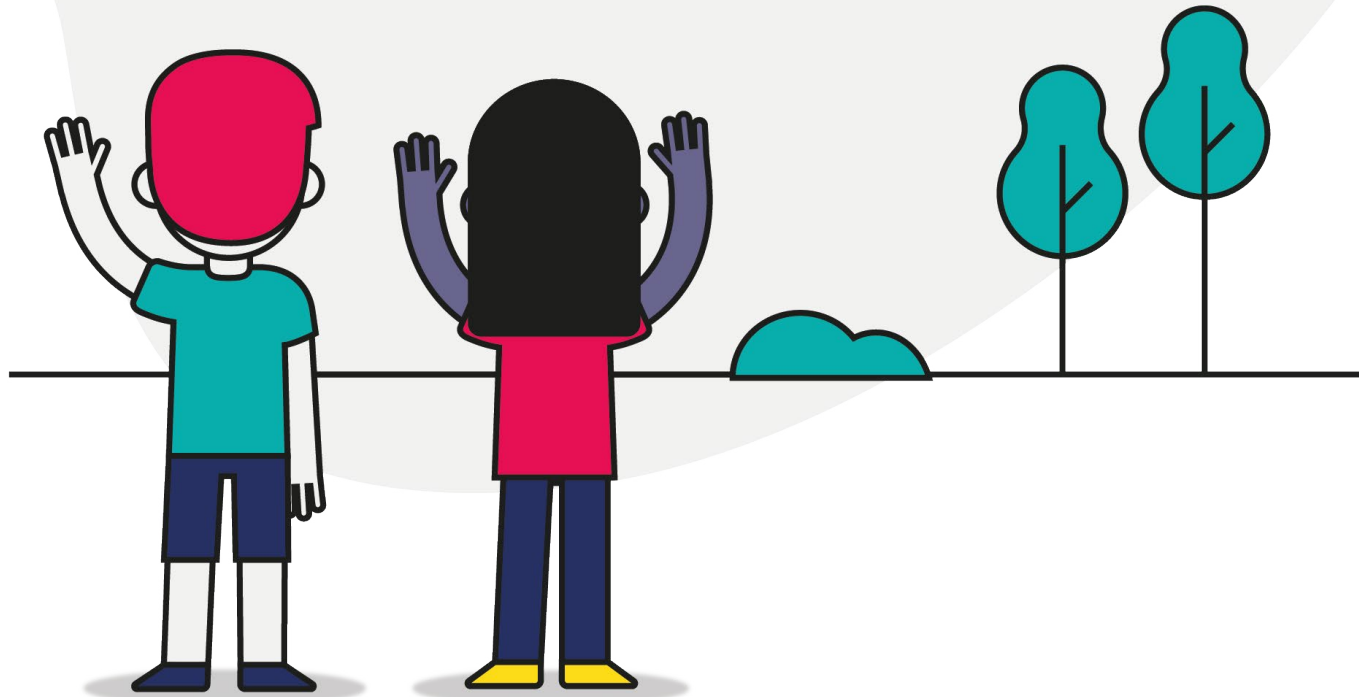
STEM

OPPORTUNITIES IN AVIATION

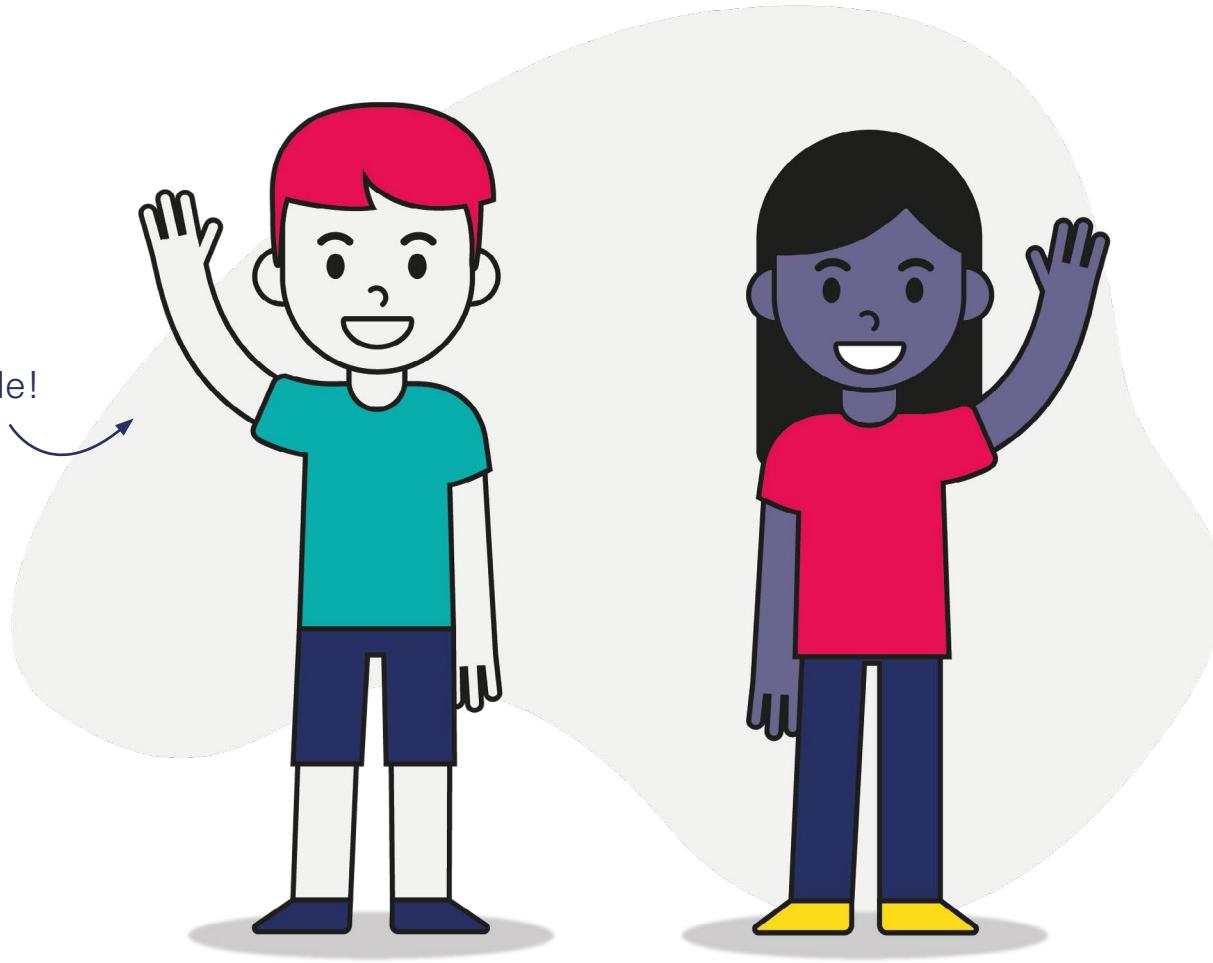


Aviation and Engineers

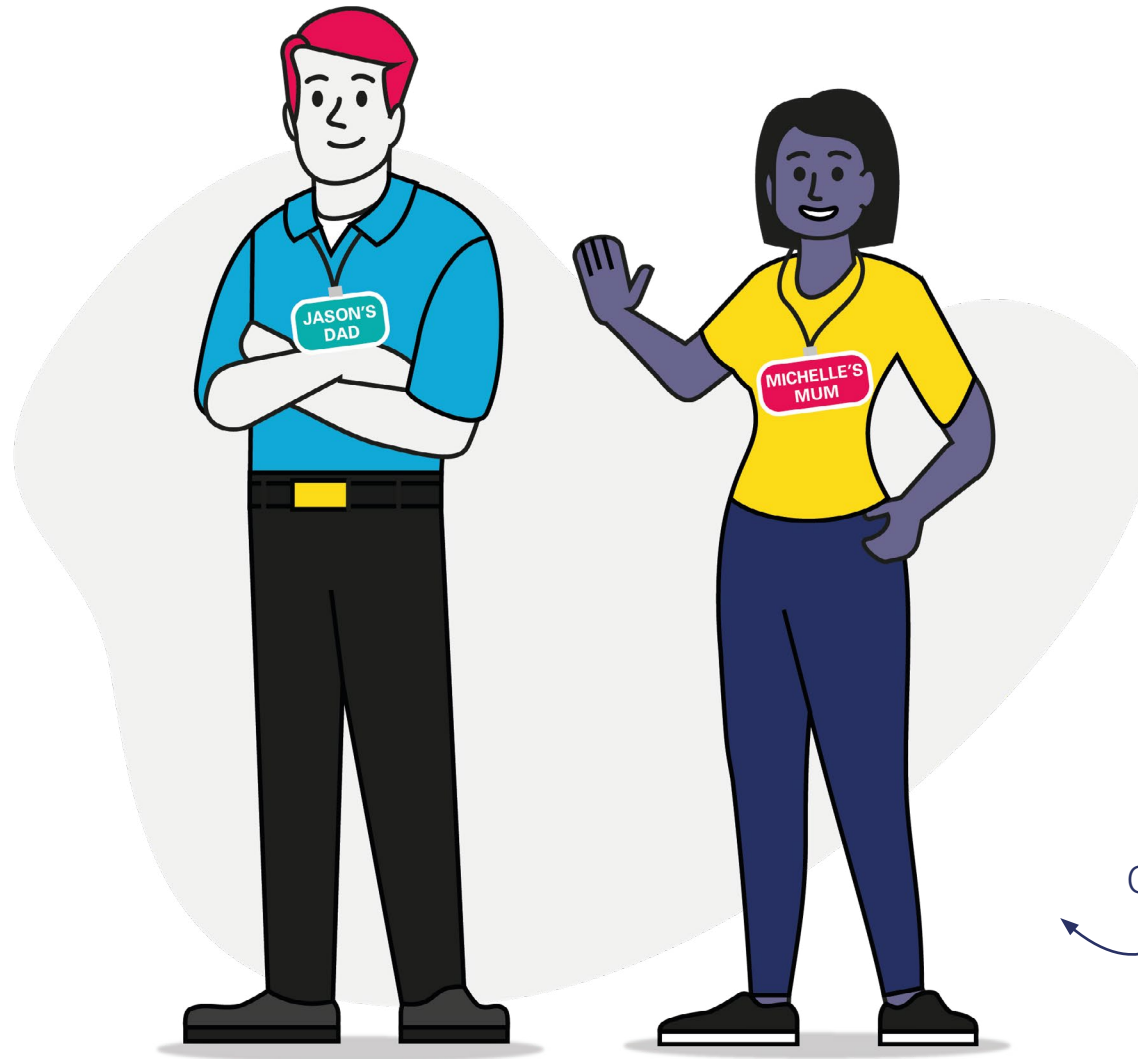
Created by the CAA for key stages 1-3 (ages 5-11)



Click Jason and Michelle!



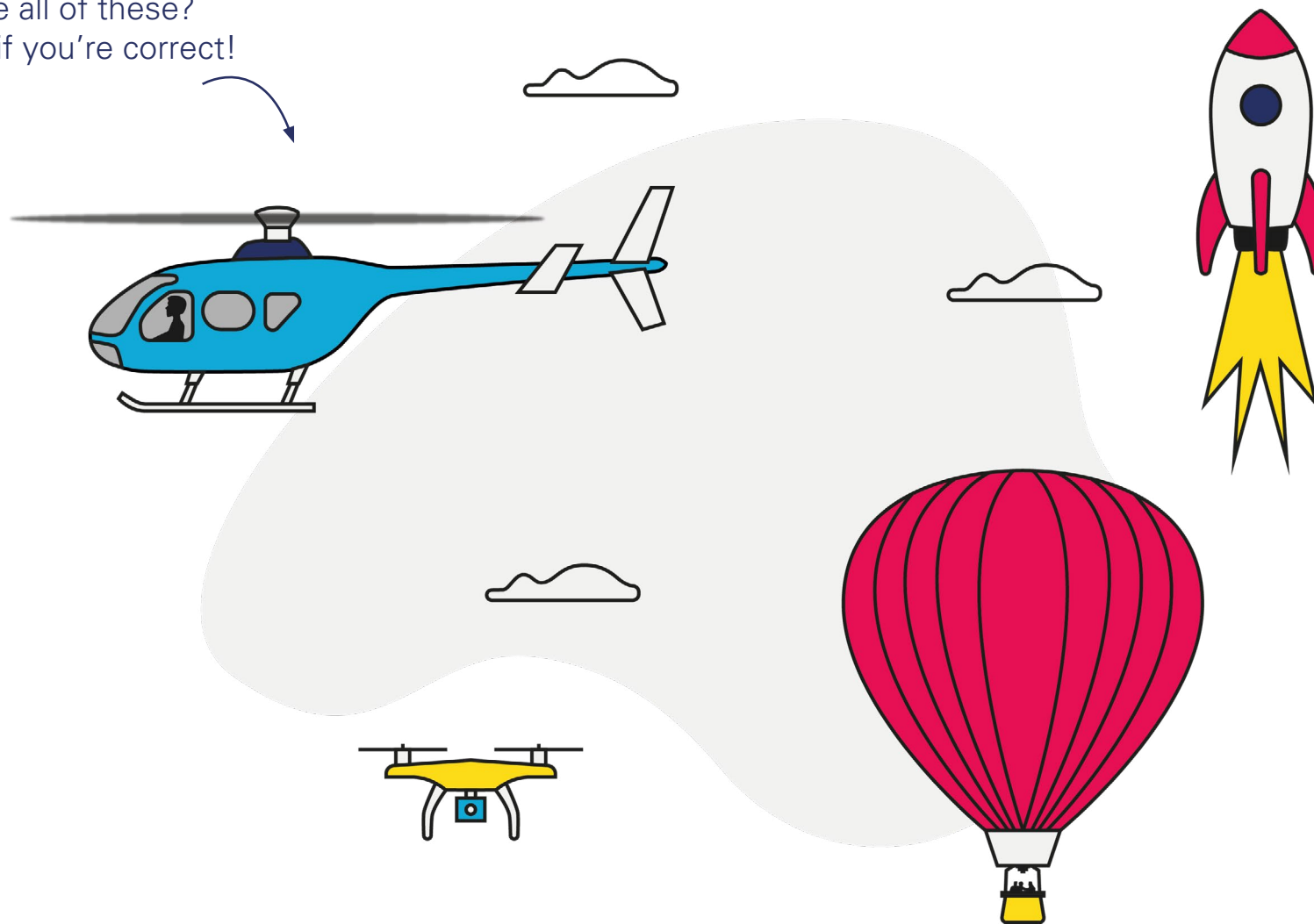
Say hello to Jason and Michelle!



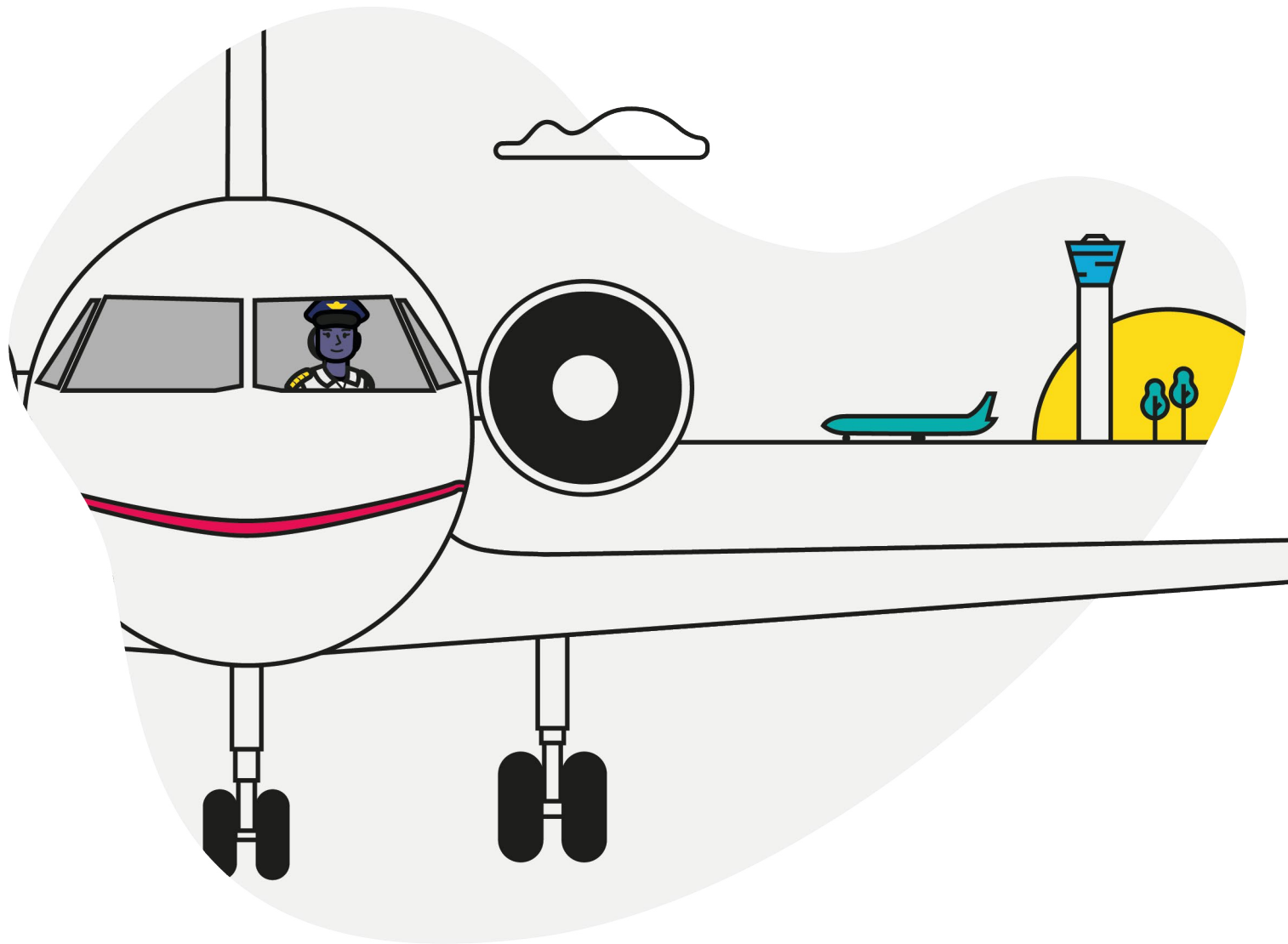
Click Jason and Michelle's
parents!

**Jason's Dad and Michelle's Mum work at the
Civil Aviation Authority or CAA for short.**

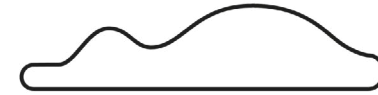
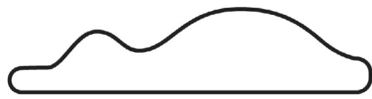
Can you name all of these?
Click to find out if you're correct!



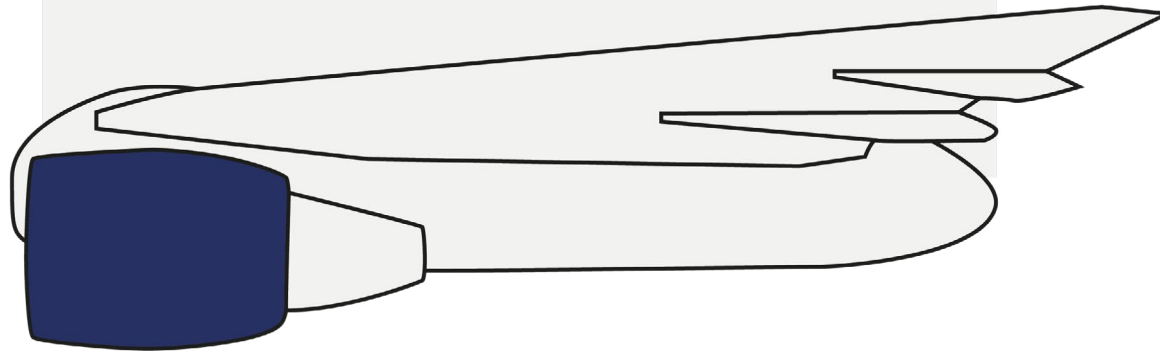
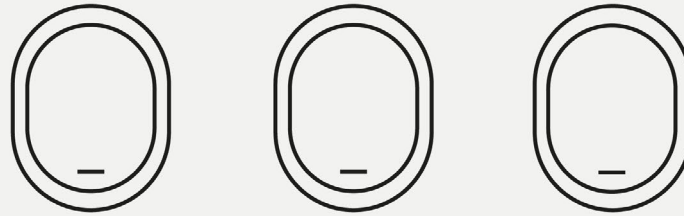
The CAA looks after everything to do with things that fly, like aeroplanes, drones, helicopters, hot air balloons, even space rockets! They work to keep everyone safe too, whether they are up in the air or down on the ground.



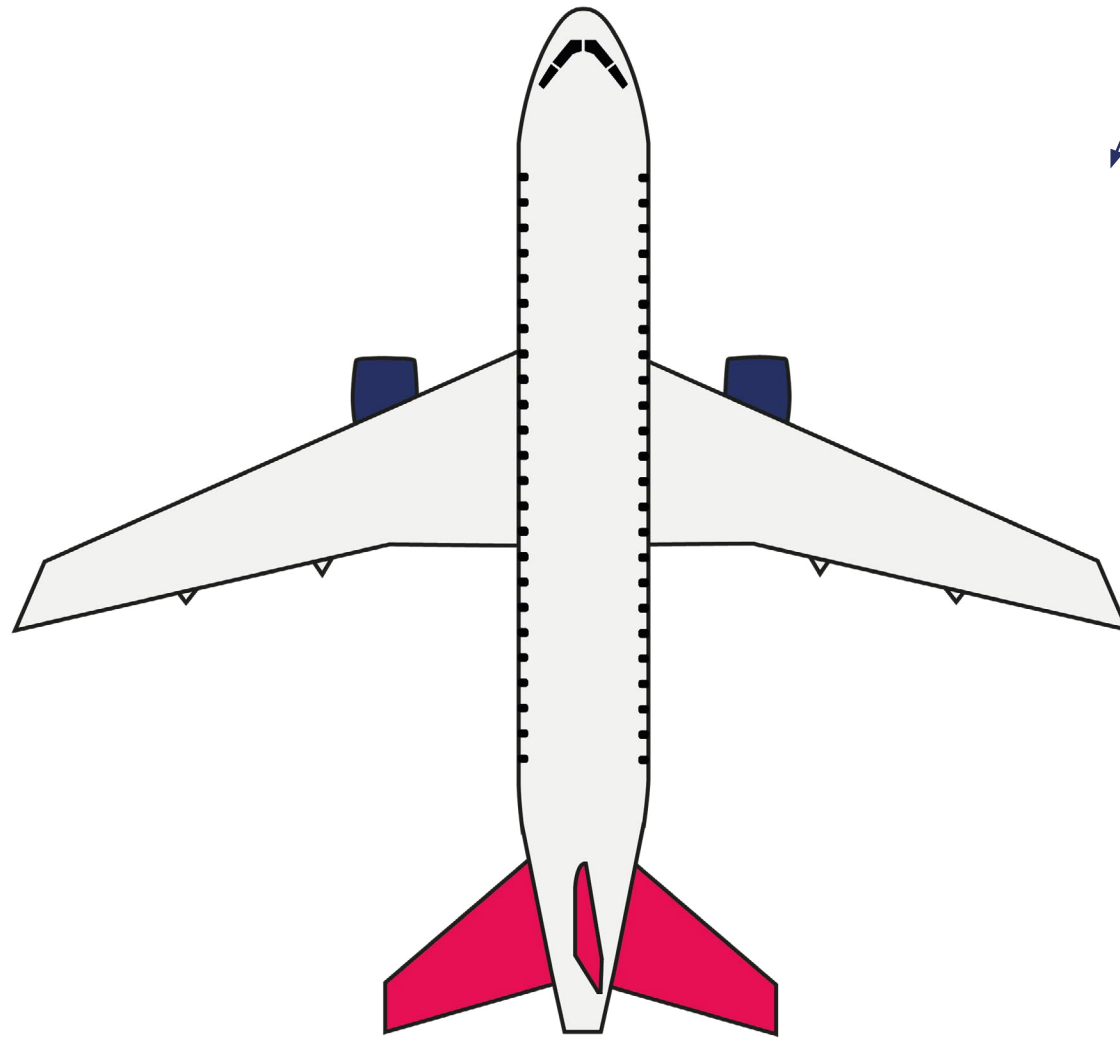
Today Jason and Michelle are on a special mission to find out all they can about aviation engineers and how aeroplanes are made and looked after.



Click the windows to see what's behind them!



Aviation engineers design, build and look after things and make sure they work properly every time they fly. Have you been on an aeroplane? Perhaps you flew in one when you went on holiday. Did you have fun?

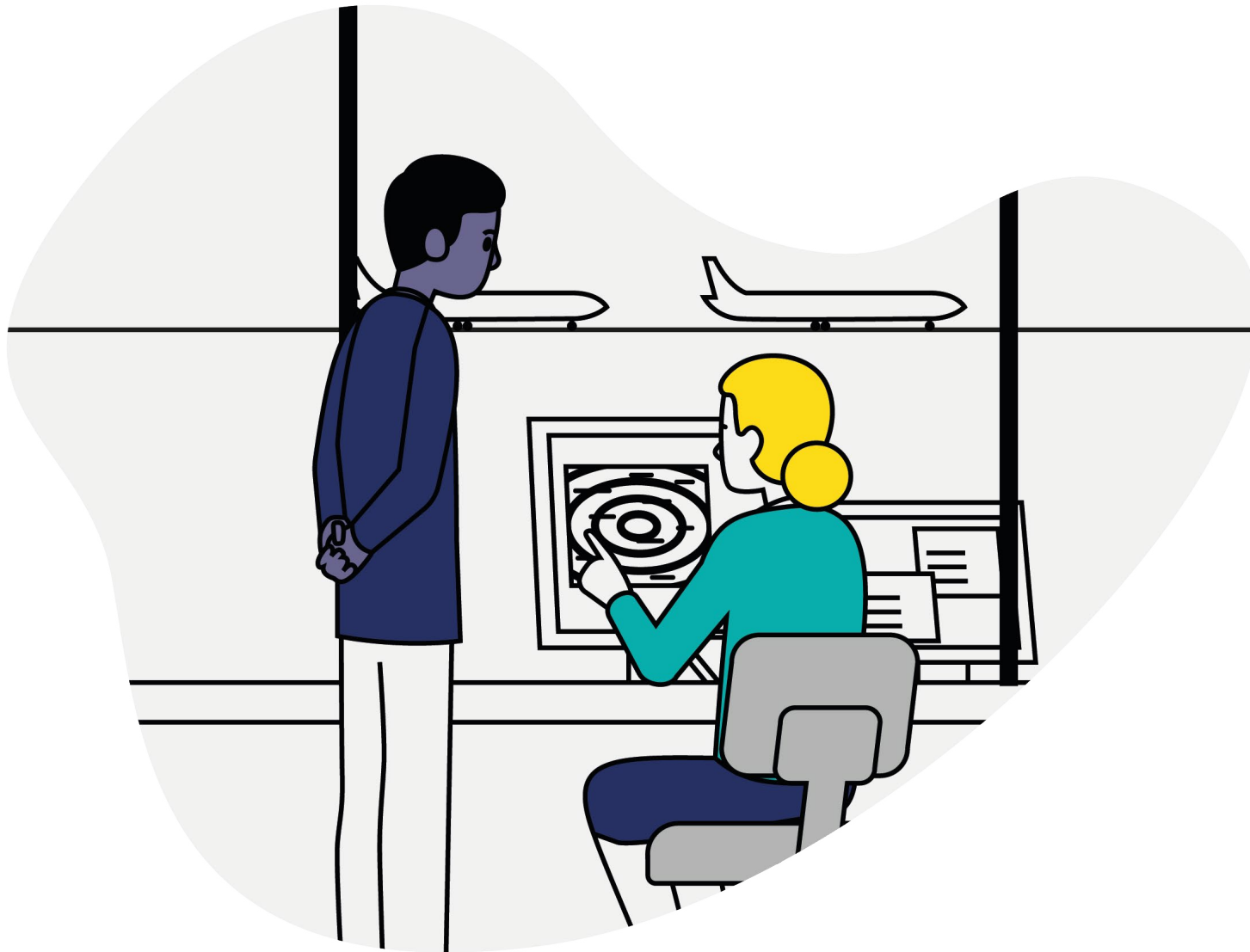


Do you know the parts of the
plane?
Click to find out!

Jason and Michelle discovered a lot of cool things about aeroplanes and aviation engineers on this mission. Did you know, aeroplanes are made up of millions of parts, and it takes hundreds of people, many months to build them.



There are engines, wings, seats, lights, the hold (which is where your bags go), computers and lots of other things which all need to be working properly.

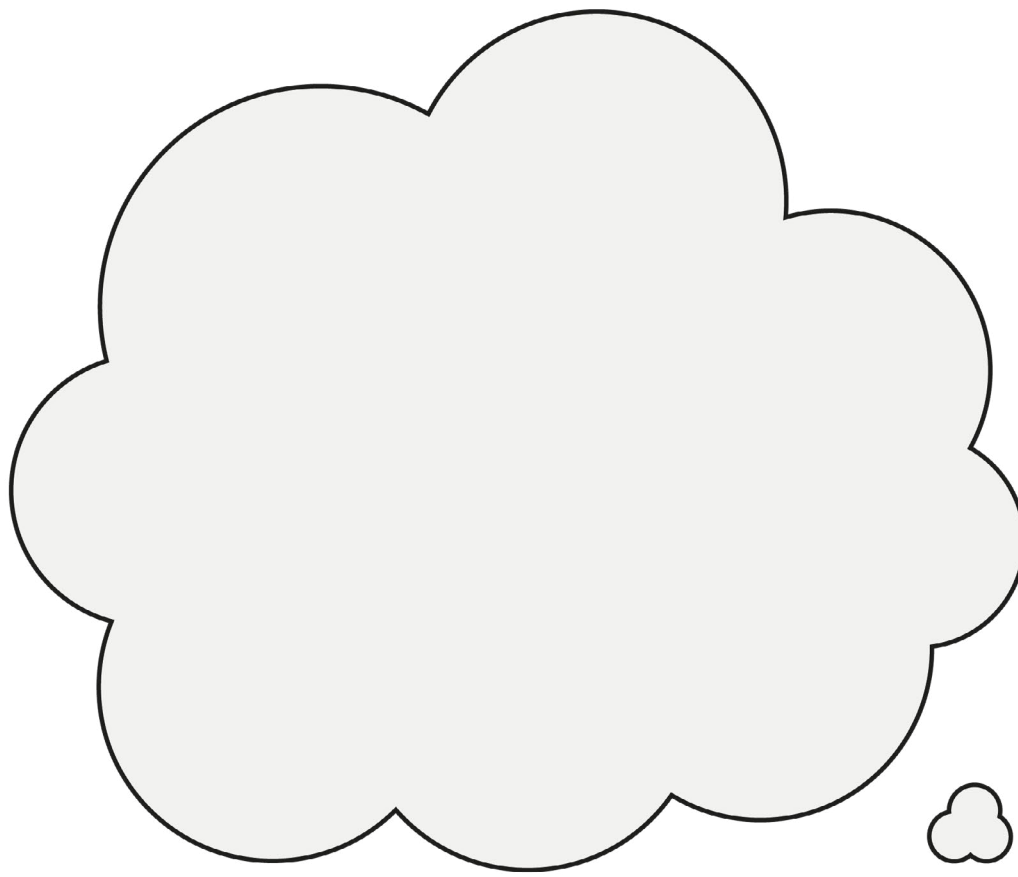


The computers on a plane help the pilot and the crew get to where they are going, while people called air traffic controllers help them to get to their destinations safely.

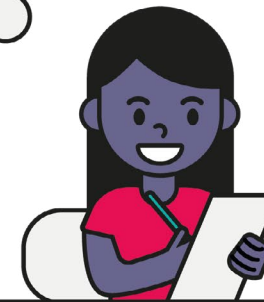
Click the old airplane to fix it!



It's really important aeroplanes are safe, and aviation engineers work really hard to make sure they are ready to fly and everything works before they take off. They will repair things that are broken and replace the parts of the plane that might have worn out.

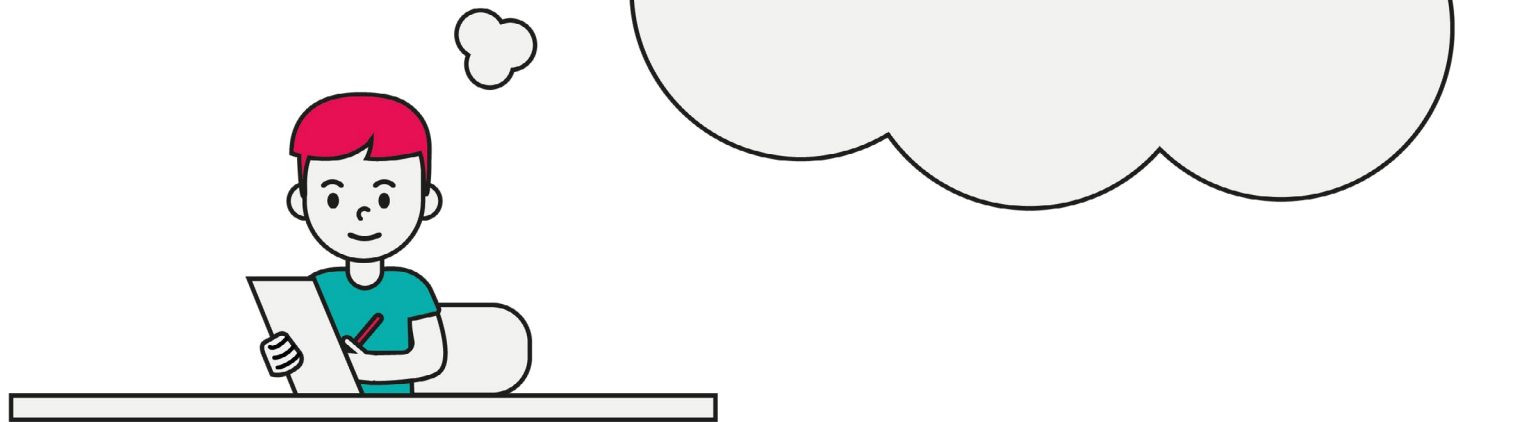


Click the thought bubble to see
what I'm thinking



They have such an important job. They have to study hard at college to pass exams and get the special license they need so they can start designing and looking after aeroplanes.

Click the thought bubble to see
what I'm thinking



**Jason and Michelle think being an aircraft engineer is amazing!
If you study your STEM subjects, science, technology, engineering and maths,
one day you could be designing, flying or looking after aircraft too!**

Click the page to complete our mission!



That's this mission completed, Jason and Michelle hope you'll join on them on their other adventures soon!