

Drones

Created by the CAA for key stages 1-3

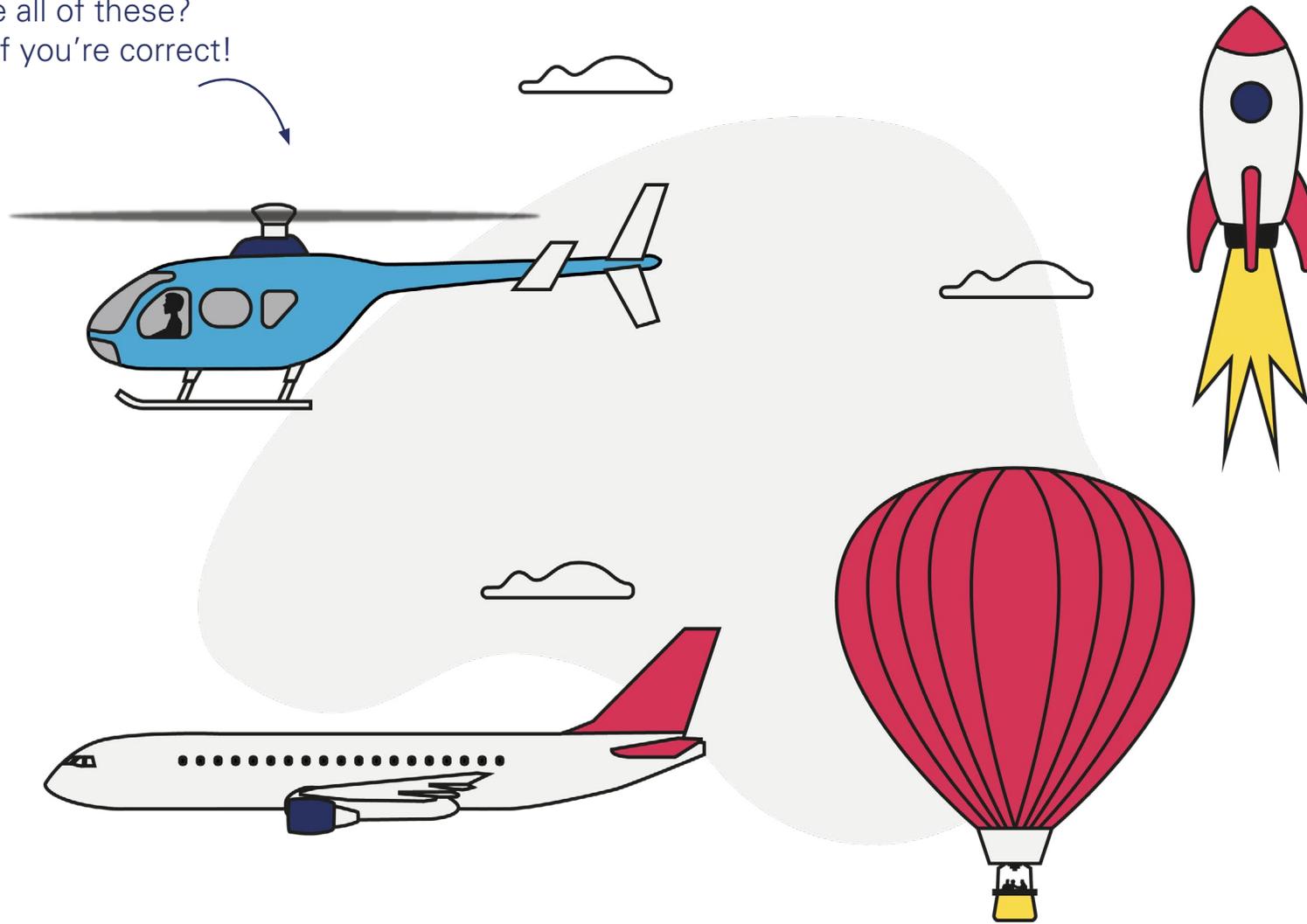


Click Jason and Michelle
and their parents!

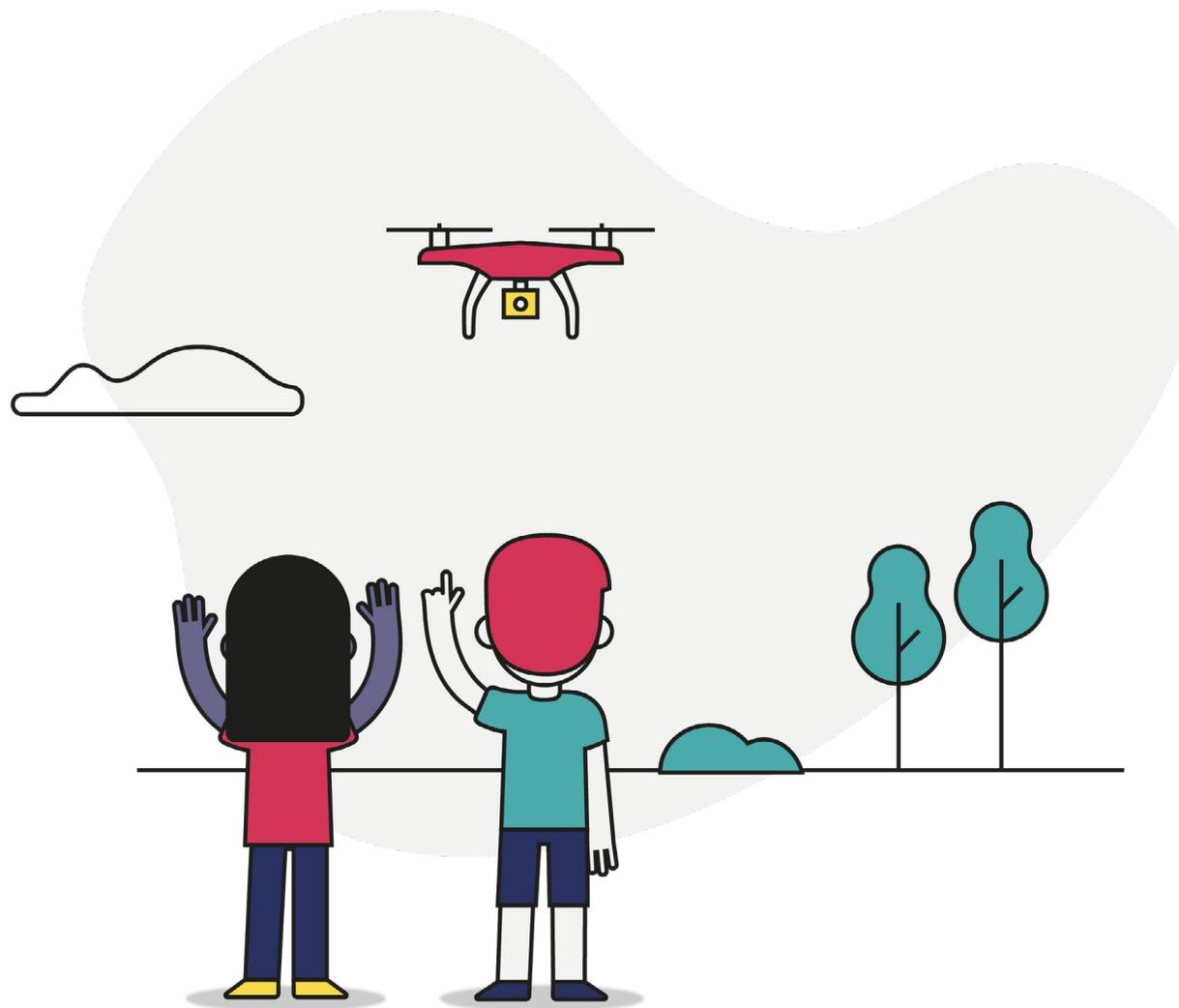


**Have you met Jason and Michelle yet?
Jason's Dad and Michelle's Mum work at the Civil Aviation
Authority or CAA for short.**

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 when they are down on the ground.

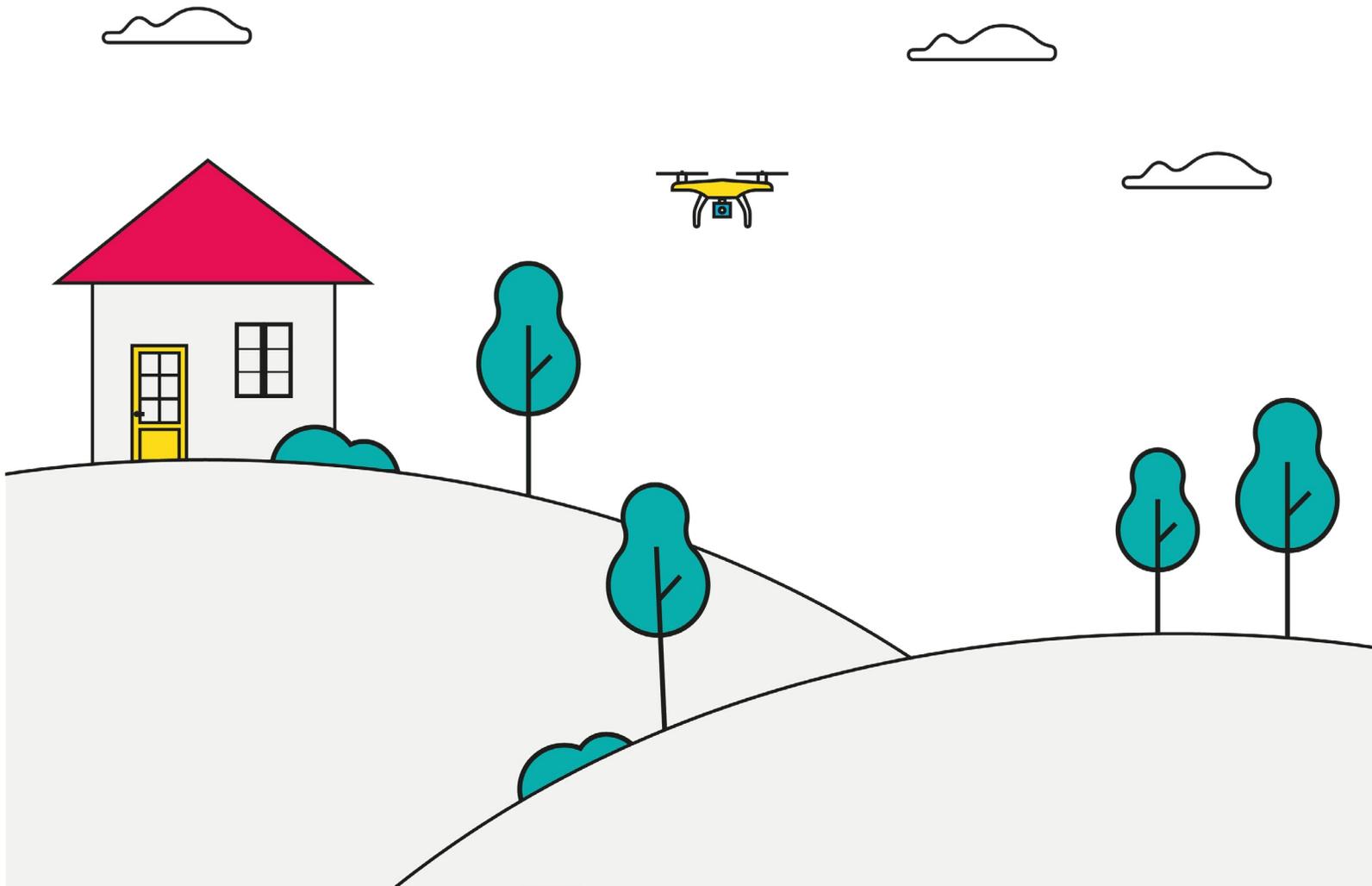


Today Jason and Michelle are on a new special mission to find out all they can about drones. Do you know what a drone is? They can be anything from a toy flown by remote control to a large taxi carrying people around.



Click the boxes to see
what the drone is carrying!

Drones can do amazing things and come in all different shapes and sizes. Some are tiny and can be used indoors, others are much bigger and carry things around. Some drones are so big they can carry 100kgs – that's about the same weight as a panda or 200 bags of sugar!



Sometimes drones have cameras on which are great fun for exploring and peering down on the world below, but we must be careful to think about people's privacy when doing

 Click the TV to turn it on!

Watch your favourite film or TV programme again, there is bound to be bits in it where you can see people far below looking like ants. That part would have been filmed by a drone.

Click the door to make the delivery!

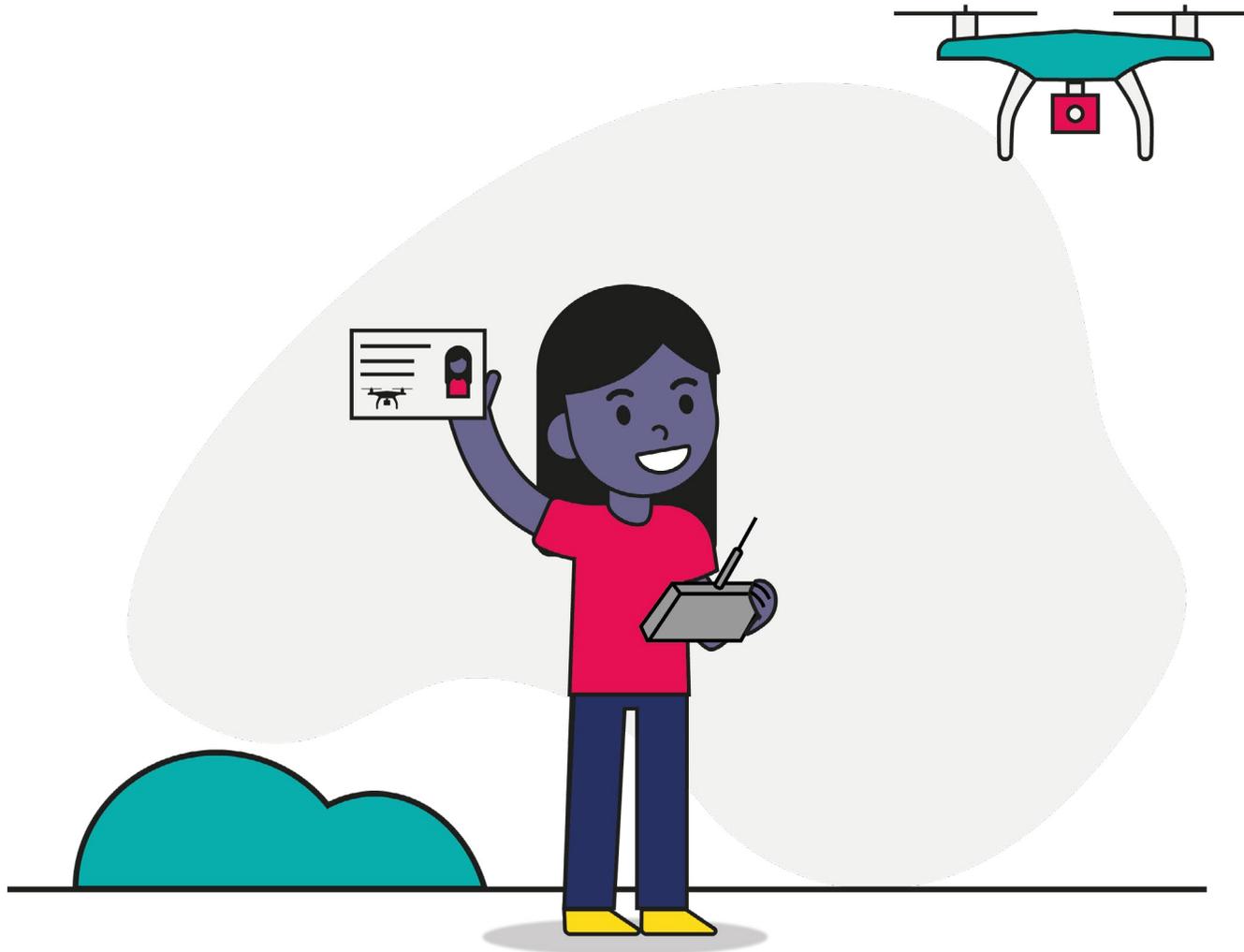


They are not just used for films, though. Some drones are used to carry things around like parcels to people's front doors or medicine and food to people who need it. Michelle's Mum says one day we could even get pizzas delivered by drone!

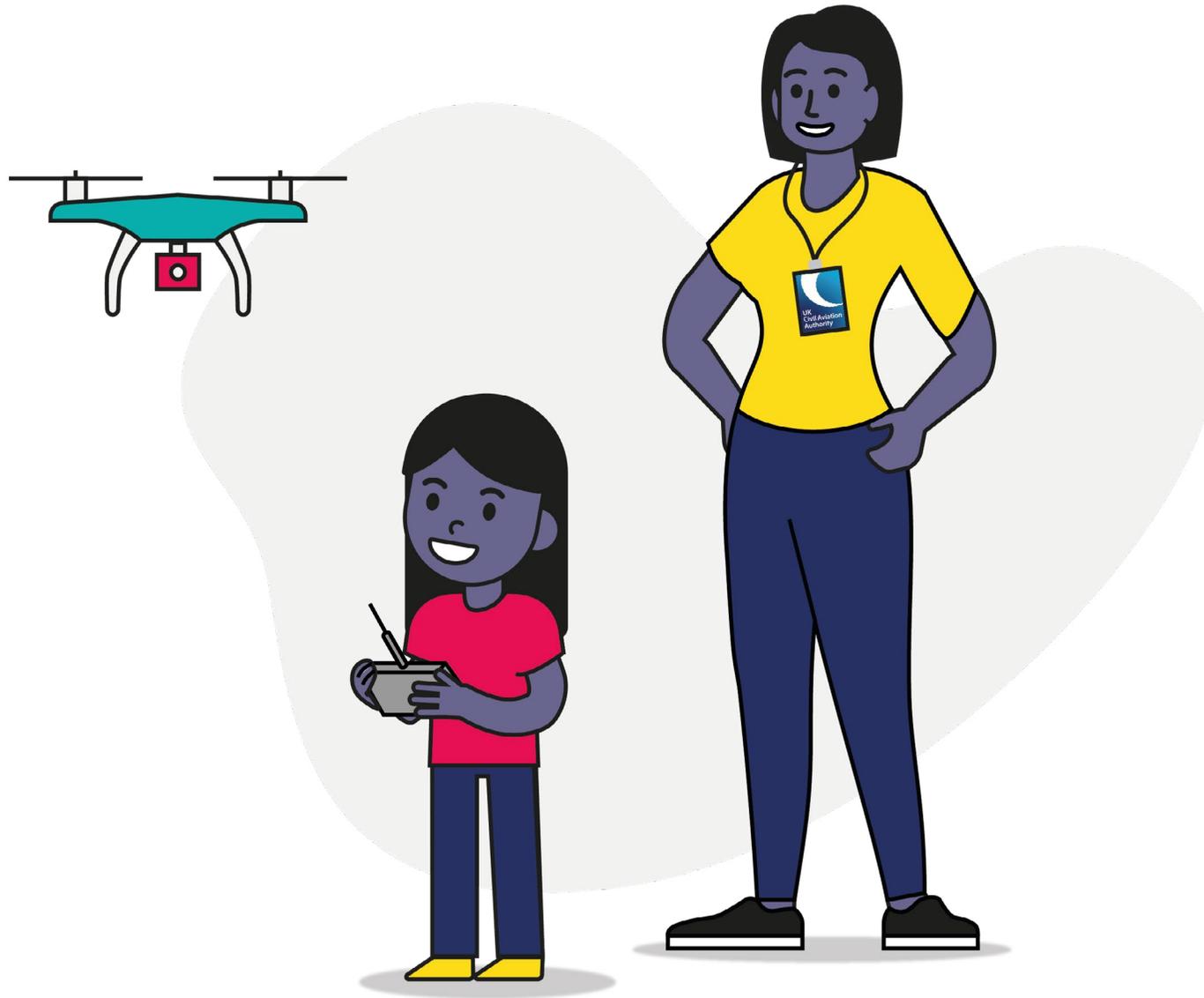
Click the tree to help Jason get
his drone!



While drones are lots of fun, you have to be very careful when you're flying them. If they go off course, they could fly into other aircraft which might damage them or hurt people if they hit them. If you're not used to flying a drone, you might lose control and they could fly off and get stuck in a tree.

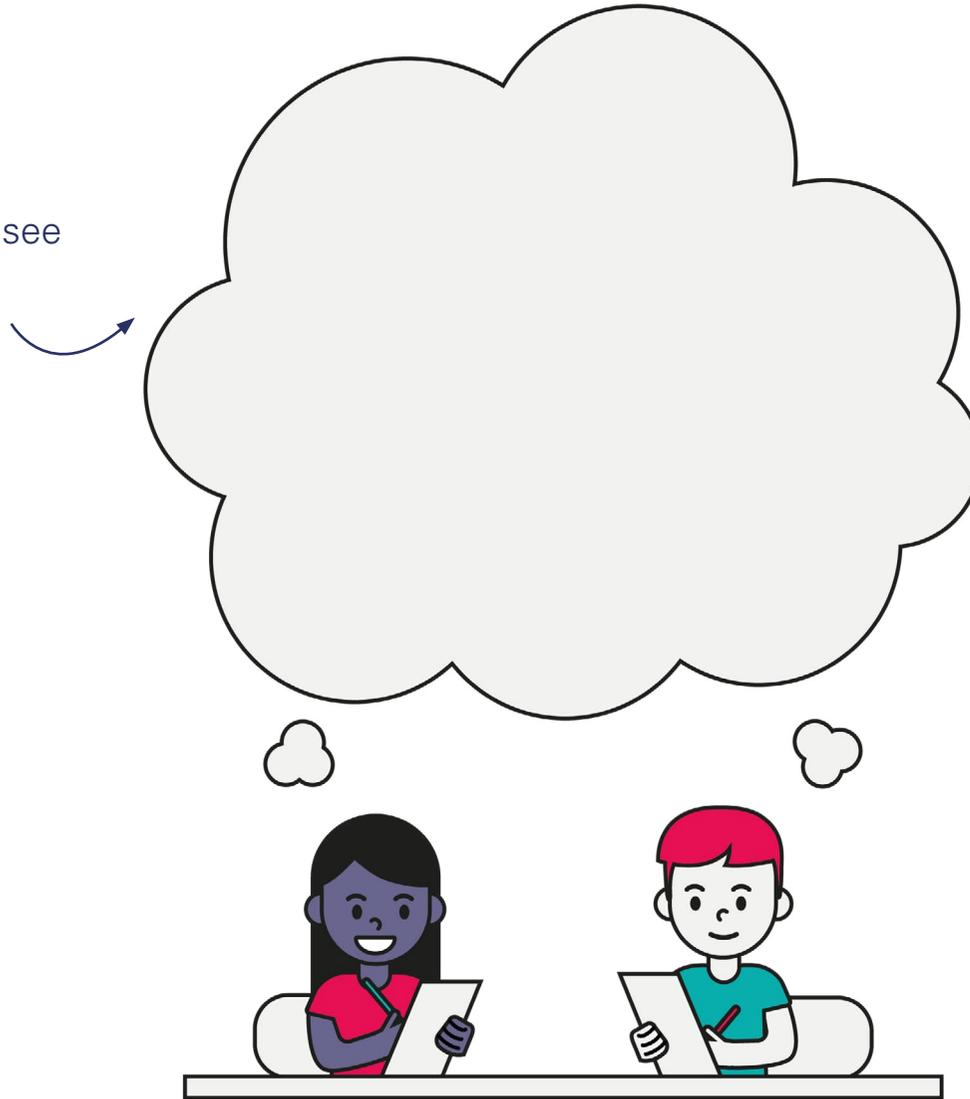


In the UK, you need to learn how to fly most drones and stick to special rules. There are nearly 200,000 people with what they call 'flyer ids' now. That's a lot of drones! If you're flying a drone outside then you may need one of these regardless of how old you are – you can check at [caa.co.uk/drones](https://www.caa.co.uk/drones)



Thankfully the CAA is here to make sure they are used safely and that people who fly them use them carefully.

Click the thought bubble to see
what they're thinking



There are lots of exciting things to do in aviation.

If you work hard at school at your STEM subjects, science, technology, engineering and maths, perhaps you'll be in charge of making sure drones are safe one day.

Click the page to complete our mission!



That's this mission completed, Jason and Michelle will see you for another adventure soon!