



Santa needs to deliver these presents by drone, but must ensure he does not break the rules of the drone code. This means he cannot fly over busy areas, buildings and airports and train lines. Can you navigate a path to drop off all the gifts to each child without breaking the drone code? Make sure you fly the drone up to Santa's elf without running out of battery, check you have not exceeded the range of the drone! Follow the grid lines on the map, each square is 1km and you should try not to go over your own path!

If you want a extra challenge, see if you can find the shortest path for the present drop!

Drone spec:

Size – 50cm x 50cm

Weight – 230g

Battery Life (in km) (needs to be based on the ultimate route!)

- > Do not fly close to people (including people in buildings, trains, cars, parks)
- > Keep away from houses and buildings
- > Stay well away from airports – don't enter the restricted areas
- > Never fly in a Space ports restricted zone

If you are getting a drone for Christmas, check you are flying within the rules – Check out the drone code [The Drone and Model Aircraft Code | UK Civil Aviation Authority \(caa.co.uk\)](https://www.caa.co.uk)