

GCSE Bitesize Computer Science

Andrew Robinson on the internet of things

For Springwatch, we put a Raspberry Pi in a bird box in a field in Wales and that allowed us to detect bird activity. So the bird box is an example of how we are getting things which are more connected. So this ties in with the 'internet of things'.

The internet of things is about giving things, like objects like bird boxes, the ability to communicate with other things, in our case like the weather station. So we had the weather station and the bird box communicating together and from that we can get big data and we can look at trends between the two sets of data that we are receiving. And the internet of things is really going to be big in the future in that lots of things around the house and lots of things around the world will be all connected and will be talking to each other. So you might have a mobile phone which tells you if your back door is open, for instance.

It's all about communication and giving everything a connection to the internet so it can exchange data.