

# **Unit 1.5 - Learning Targets**

## **IoT Security**

### **Essential Questions**

- Why is IoT Security important?
- What are some of the common security risks?
- What are some common attack methods?

### **Key takeaways**

- Assume someone will try to hack your IoT system.
- Consider IoT Security from the beginning and always consider the worst case scenarios.
- Have a plan in place in the event your IoT system has been compromised.

### **Teaching Tips**

While it may seem strange to consider what would happen if someone got access to your IoT device that was monitoring your home garden, we should always remember that most IoT devices have a pathway to the internet. Individuals could exploit this pathway to then do other malicious activities. Take a safety first approach, even if it may make development a little bit slower to start.