CyberBasics

A 6 part story for year 7 investigators

WHAT'S THIS INVESTIGATON ALL ABOUT?

Our cyber story

We have an Alien visitor, **Alex**, who wants to learn how to use a mobile phone, as well as how to avoid being found while here

- You get to advise **Alex** on how to set up a new mobile phone
- You get to research choices to keep **Alex** from being found
- You get to share any thoughts on how best to do that
- So your favourite video channels & feeds are your friends here – & no tests!

CyberBasics

Mission 1

Help Alex connect to the internet and stay safe

1

Get online

Lock and Key

2

Mission 2

Lock the phone, with a digital lock and key

Mission 3

Install apps and the software Alex needs

3

Downloads

Accounts

4

Mission 4

Create accounts and choose access options

Mission 5

Software, updates and new features

5

Update

Footprints

6

Mission 6

The digital evidence trail

How does CyberBasics work?

- We introduce a new Mission every session
- You then investigate options in how Alex sets up the phone
- You report back your findings for group discussion, and then start the next mission

CyberBasics

Mission 1

What could happen if we connect to someone else's Wi-Fi?

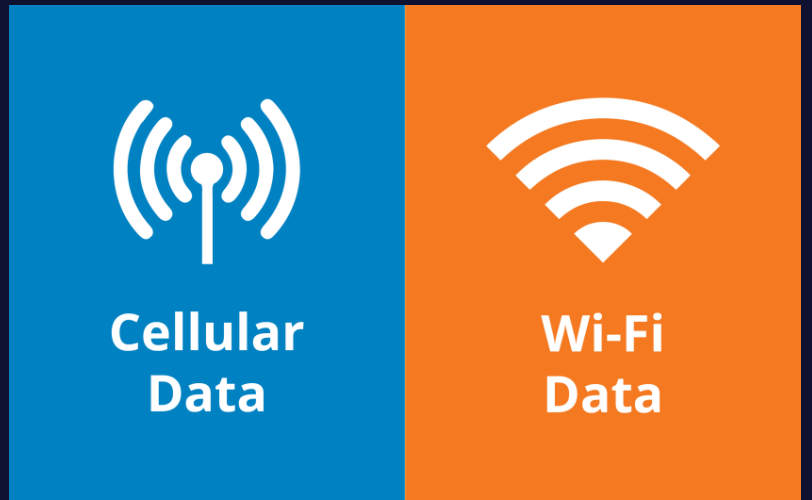
IS PUBLIC WI-FI SAFE?

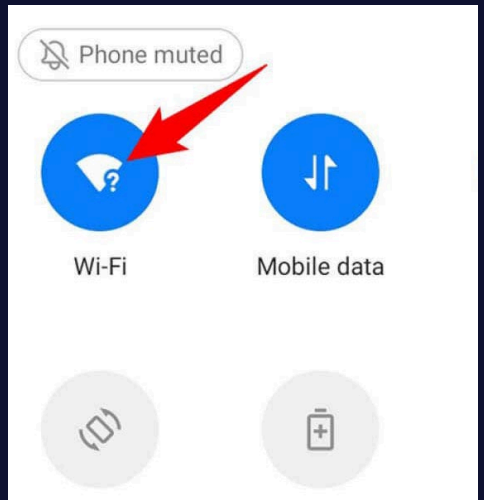
INTRODUCING OUR ALIEN, ALEX

- **Alex** has travelled from a planet far away, to see the sights on Earth
- **Alex** suspects there are others of his race already here, so doesn't want to be found and sent back
- The first thing that's needs to be done is to help set **Alex** up with a new phone
- **Alex** has never used the internet before, or a phone, so you are going to be advising him on all the things that need doing to avoid being discovered.

WHAT WOULD ALEX NEED TO THINK ABOUT?

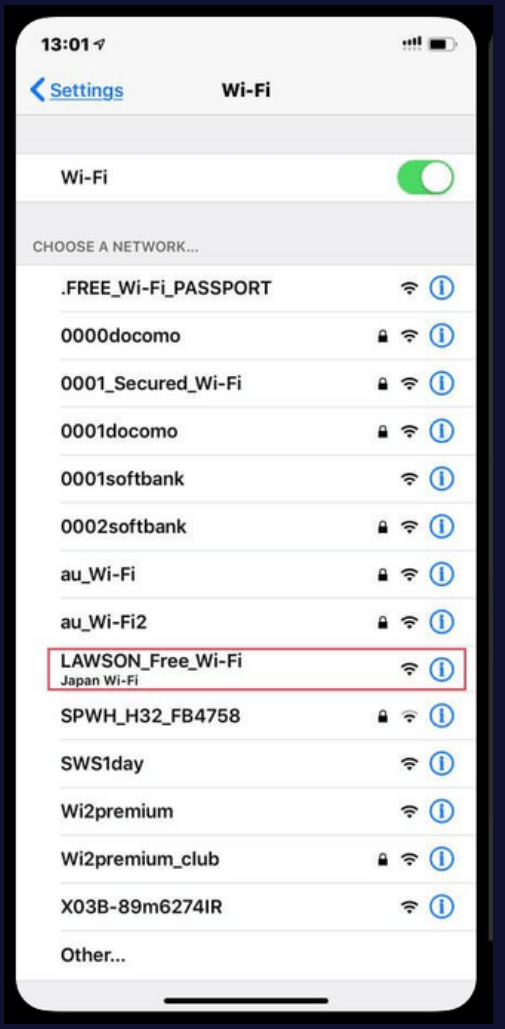
- What are the best options to keep Alex's internet private?
- What do these icons mean?
- Is there anything Alex needs to worry about when choosing one?





CLASS ACTIVITY – HOW DO YOU USE WI-FI?

- Make a list of the most common locations where you regularly use password protected Wi-Fi
- Do you use Free Wi-Fi Hotspots?
- If yes, how do you know who owns the Free Wi-Fi Hotspot?



Your First Mission!

Alex needs to know what the best options are

- **To connect to the internet on any type of phone.**
- **But without exposing his identity here on Earth**

Your Mission is to research the risks of connecting to the internet, as well as any other technologies that may be of help in keeping Alex safe. You will then discuss the best options in the next session.

Workbook Activities – Self-study

Things you may want to research / Google

- Mobile data networks (also called Cellular networks) vs Wi-Fi
- Wireless padlock icons
- Public Wi-Fi risks
- Other technologies that may help Alex