

## Cybersecurity

Presentations and reflections

We live in a world of **digital connectivity**; and thanks to advancements in areas like the Internet of Things, this world is **evolving rapidly**. Being more connected has many positives, improving how we live, how we connect with others and supports the health and wellbeing of our communities. However, it has also resulted in an increase in **criminal activity**.



To protect ourselves and our devices from these threats, we need cybersecurity. This refers to techniques and approaches which secure our digital networks against cyberattacks and cybercriminals.

Companies like BT Group do a lot of work in cybersecurity research and innovation, finding new ways to protect their staff, customers, suppliers and wider communities from cybercriminal activity.

Effective cybersecurity boils down to two core elements: finding any problems quickly (detection) and fixing them fast (response).



## Big Thinking

In this module, we will consider:

What is the **impact of cybercrime** on those **most at risk**?

How can we use cybersecurity measures to effectively protect all online users as technology develops?

#### Module overview

01

#### Cybersecurity: the low-down

Learn about different types of cyber threat, how these threats can occur and the different techniques we can employ to stop them from happening. 02

### Taking cybersecurity to the next level

Debate how cybersecurity can impact people who may be more at risk of attacks.

03

#### Cybersecurity campaign challenge

Use digital tools to devise an impactful visual campaign that raises awareness of cyberthreats.

04

#### Presentations and reflections

#### Module objectives

Today's lesson is one part of a module of four lessons.

By the end of the module, you will be able to demonstrate different technical and human skills that will help you succeed in a future transformed by technology.



#### Module objectives

This module will focus on the following skills:



Technical skills: using and managing digital devices, platforms and apps



Human skills: critical-thinking and problem solving



#### Lesson objectives

By the end of this lesson, you will be able to:



Practice communication skills through presenting your awareness raising social media campaign



Evaluate and reflect on your successes and learnings



#### Planning your social media campaign

- Who is the target audience?
- How are they at risk of cyberthreats?
- What information to they need to know to protect themselves from cyberattacks?
- What format or approach should you use to best engage your audience?
  Would they prefer an image and text, or an animation? Will you feature a character or a real person?

#### Your campaign should:

- Include at least 3x social media posts, with images, text and/or animation
- Be made using a digital design application making it visually impactful, interactive and educational
- 3) Be easy to understand and appealing to the audience

You could also feature elements such as questions, quotes or statistics to educate your audience and increase engagement.

# Sharing your campaign

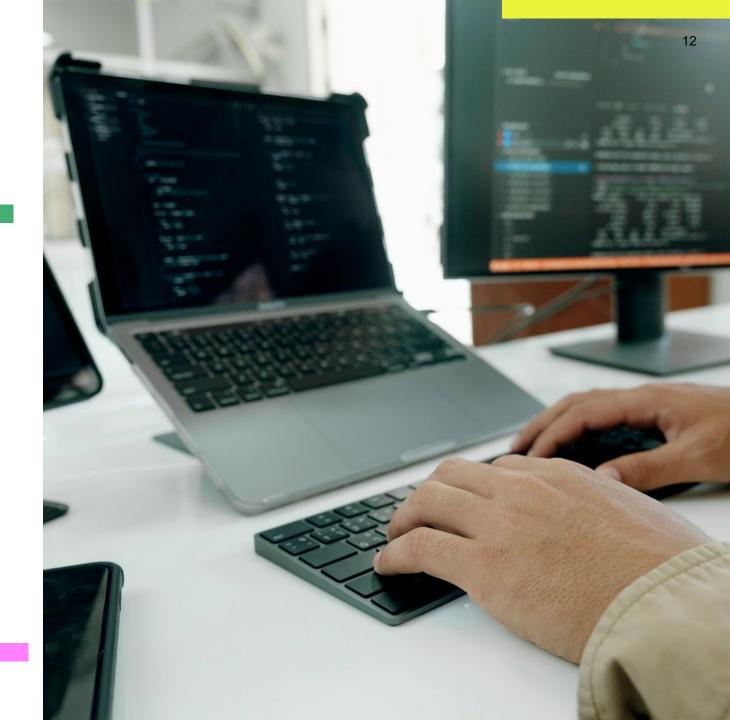


## Evaluating and reflecting on your campaign

- How did your target audience inform your decision making and creative ideas?
- What did you want your campaign to achieve and why?
- How successful do you think your campaign is?
- Are there any adjustments or improvements you would make if you had more time?

#### Flipped recap

Can you think of some questions that will help to check each others learning around cybersecurity and key terminology?



#### **Using Kahoot**

#### To get started:

- 1. Go to <a href="https://create.kahoot.it/auth/register">https://create.kahoot.it/auth/register</a>
- 2. Click 'Student' and follow the instructions to set up your account
- 3. Once logged in, go to 'Create' in the top right corner
- 4. Click 'Create new Kahoot' from the pop-up and start to build your quiz



#### Recap



What have you learnt today?

- What new skills have you learnt through this module?
- What are the benefits of receiving and giving feedback?