



Cybercrime



Instant Lessons

EXAMPLE

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Lesson Plan: Cybercrime **EXAMPLE**

Lessons: Introduction, reading, listening, speaking (seminar) and writing.

Time: 1-1.5 hours + homework task

Level: ****[B1/ B2/C1].

Lesson Aim:

To focus on one key topic and develop a range of key academic skills based on this topic.

Introduction [5 minutes]

- Introduce the topic 'Cybercrime'.
- Give out the '**Reading Text Worksheet**' and discuss the lead in questions.

Reading: Test-Type Questions [20-30 minutes + feedback]

- Students read the text. Check words & meanings with a dictionary.
- Answer the questions.
- Feedback: distribute or project **ANSWERS**.

Listening: Lecture & Test Questions [30-40 minutes + feedback]

Video: Available in paid download

MP3: Available in paid download

- Give out the '**Listening: mini lecture worksheet**'.
- Students check key vocabulary.

Option 1

- Students look at the questions.
- Students listen & answer the questions.
- Give 2 minutes to tidy answers.
- Students listen again. Check answers & answer missed questions.
- Feedback: distribute or project **ANSWERS**.

Option 2 (harder)

- Students listen & take notes (Use paper or the PPT slides in the Appendix).
- Students listen again & add to their notes.
- Students use their notes to answer the questions.
- Feedback: distribute or project **ANSWERS**.

Speaking: Seminar [10-15 minutes]

- Give out the '**Speaking Worksheet**'.
- Students revise content from the reading & lecture texts.
- Students hold a seminar discussion using the question prompts.
How to run a seminar: <https://www.academic-englishuk.com/seminars>

Writing: Summary [20 minutes + tutor feedback]

- This can be a homework task if limited time.
- Students use the two texts (reading and listening) to write a 150-word paragraph on 'how we can '.
- Tutor to error correct & return - <https://www.academic-englishuk.com/error-correction>

Reading Text Worksheet

Task 1: Lead In

1. What kinds of crimes do you know of that involve a computer?
2. _____
3. Look at the title of the reading text – what do you think it is about?

Task 2: Reading Text **Cybercrime: the 21st century's biggest threat to society**

By F. Peterson (2022)

Cybercrime can be defined as a criminal offence involving computers and networks. It is generally divided into two types – cyber-dependent crimes and cyber-enabled crimes. The former are offences that _____ whereby they are both the means and target of an attack. Conversely, the latter are typical offences _____ through the use of a computer. Worryingly, the Office for National Statistics believes that “people are _____ above any other crime” and in one year alone almost 750,000 cybercrimes were reported to Action Fraud in the UK (Action Fraud, 2021).

The scale and range of cybercrimes is extensive and cybercriminals continue to seek new ways to exploit a weakness, albeit _____. According to the National Crime Agency (2021), the most common cybercrimes involve hacking, _____ and _____. Although both _____ involve obtaining personal and sensitive information such as a password or credit card number, a hacker will explore ways of breaching the _____. _____ uses deceptive emails or messages which mimic genuine ones to persuade the target to provide their data. Distributed denial-of-service attacks, or _____ through the influx of _____ from multiple Internet Provider addresses, causing it to crash, whereas malicious software, or malware for short, is used to infect an _____. _____ spyware, and adware, for example.

One _____ that has increased dramatically _____. This is perhaps due to the fact that data is valuable and key to conducting business, which in turn, has become the _____ (Europol, 2021). According to Action Fraud (2021), as reported in the 2019 Financial Cost of Fraud report, _____ economy _____ and the majority of fraud is reported by businesses, not individuals. The National Cyber Security Centre (2021) reports that educational institutions in particular are being targeted the _____, that is to say a type of malware that steals or deletes data in order to extort payment for regaining access to that data, such as _____.

References

- Action Fraud., (n.d.). *What is fraud and cyber crime?* [online]. Available at: <https://www.actionfraud.police.uk/what-is-fraud> [Viewed 14.02.2022].
- Europol., (2021). *Cybercrime* [online]. Available at: <https://www.europol.europa.eu/crime-areas-and-trends/crime-areas/cybercrime> [Viewed 15.02.2022]
- National Crime Agency., (2021). *Cyber crime* [online]. Available at: <https://www.nationalcrimeagency.gov.uk/what-we-do/crime-threats/cyber-crime> [Viewed 12.02.2022]
- National Cyber Security Centre., (2021). *Alert: Further ransomware attacks on the UK education sector by cyber criminals* [online]. Available at: <https://www.ncsc.gov.uk/news/alert-targeted-ransomware-attacks-on-uk-education-sector> [Viewed 14.02.2022]

Reading Text Questions

Task 3: Headings

Choose a subheading for each paragraph. One title is not needed.

1		A	Most popular cybercrime in recent times
2		B	
3		C	What is cybercrime?
		D	

___ / 3

Task 4: True, False or Not Given

Decide if these statements are true (T), false (F) or not given (NG). Highlight the answer in the text.

		T / F / NG
1		
2	There is a higher chance of being the victim of a cybercrime than of any other crime.	
3		
4	Hacking is more serious than phishing.	
5		
6	Europol claim that more data breaches occur now than ever before because the value of data has risen.	
7		
8	In recent times, the UK education sector has been subject to several ransomware attacks.	

___ / 8

Task 5: Vocabulary

Key language – search for the word(s) in the text that mean(s):

Paragraph		Word(s)
1		
1	To improve by amount, quality or strength.	
2		
2	To copy.	
2		
3	The main factor that causes something to happen.	
3		

___ / 7

Total Score ___ / 18

Listening: Mini Lecture Worksheet

Task 1: Key Vocabulary

Check these words and phrases before listening:

		pressing		update		inadvertently
scam	sheer		start-up			crypt authentication

Task 2: Lecture Listening

Listen to the lecture on cybersecurity and answer the following questions:



2.1 Gap Fill

Complete the definition of cybersecurity. The first letter is already given.

Cybersecurity is a _____ can reduce their r_____ of becoming the target of a c_____.

____ / 2

2.2 Name ONE thing individuals can do to protect themselves online.

--

____ / 1

2.3 Open Questions

Answer these questions about cyberattacks on businesses and organisations.

i.	What approach should business take towards cybercrime?	
ii.		
iii.	By how much has the number of attacks in firms risen?	
iv.		
v.	What is the biggest threat to businesses?	

____ / 5

2.4 Multiple Choice

Answer these questions about the cybersecurity industry. Select ONE answer only per question.

i.	How _____ receive up to 2019?	A. £1 million

		C. Over £1 billion
ii.	How much did the number of active _____	A. 37%

		C. 46%
iii.	What is a 'tech unicorn'?	A. A start-up valued at \$1bn or more

		C. A start-up with at least 1bn employees
iv.	What is key in the war on cybercrime, _____	_____
		B. Crypt authentication

____ / 4

2.4 Gap Fill

What does the lecturer say about why cybersecurity is essential nowadays? Complete the gaps.

It is more _____ than ever to _____ our personal information as we spend more time on our electronic _____

____ / 2

Total Score ____ / 14

Speaking Worksheet

Discussion

Use the two texts (reading and listening) to discuss these questions:

Key Sources:



Reading: **Peterson (2022)**

NCA (2021) / Europol (2021) / NCSC (2021)

Lecture: **Watts (2022)**


Cameron (2021) / Department for Culture, Digital,
Media & Sport (2020) / Urwin (2021)

Seminar Questions

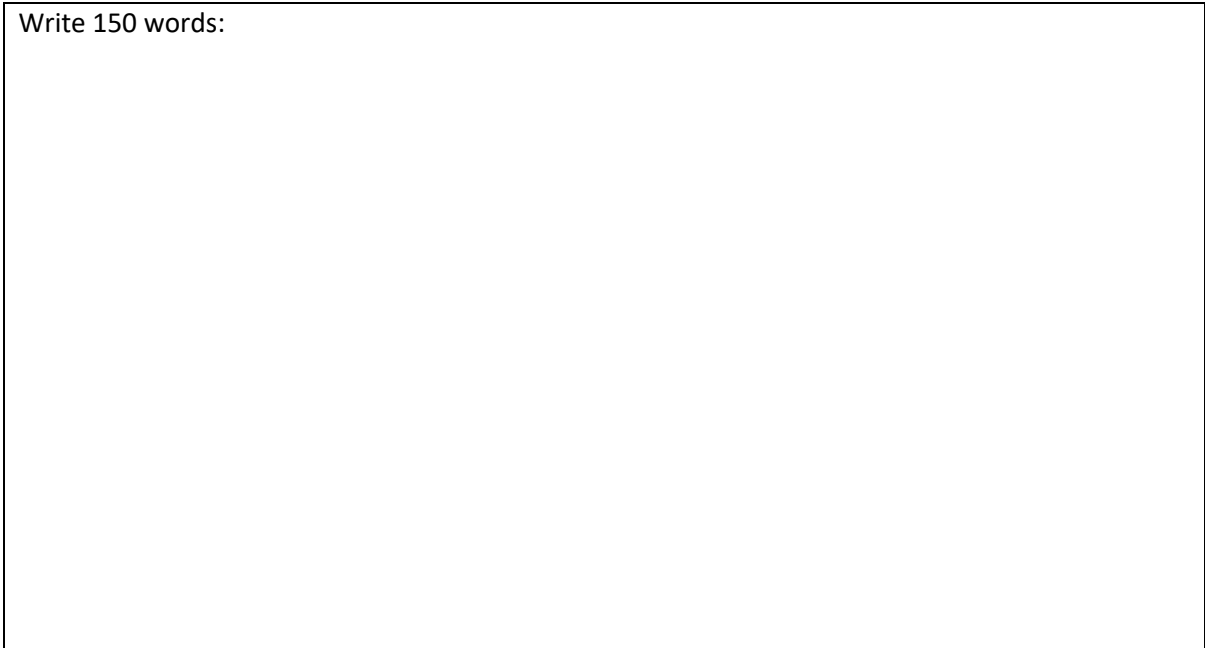
- 1) What are the most common types of cybercrimes?
- 2) 
- 3) What are governments and institutions doing to tackle cybercrime?
- 4) 
- 5) Summarise your discussion.
(Each person summarises one main interesting point discussed).

Writing Task

Summary

Use the two texts (reading and listening) to write a paragraph on 'how we can 

Write 150 words:



Reading **ANSWERS**

Task 3: Headings

Choose a subheading for each paragraph. One title is not needed.

1	<i>C</i>	A	Most popular cybercrime in recent times
2	<i>D</i>	B	Why individuals should be concerned about fraud

___ / 3

ALL ANSWERS ARE INCLUDED IN PAID VERSION...

Listening **ANSWERS**

2.1 Gap Fill

Complete the definition of cybersecurity. The first letter is already given.

Cybersecurity is a term to describe how individuals and corporations can reduce their <i>risk(s)</i> of becoming the target of a <i>cyberattack</i> .

ALL ANSWERS ARE INCLUDED IN PAID VERSION...



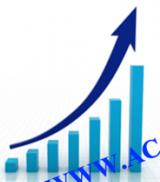

Cybersecurity: today's booming but necessary global market

by C. Watts (2022)

Hello and welcome to today's short lecture on cybersecurity. Cybersecurity can be defined as the process by which individuals and corporations can reduce the risks of and protect themselves from a cyberattack. As more and more of us use tablets, laptops, smartphones and other electronic devices to conduct business, communicate with others, educate ourselves and pursue personal goals, the necessity to safeguard our personal and sensitive data has become increasingly more pressing.

Appendix: PowerPoint Slides

Listen to the lecture and take notes using the PPT slides

<h3>Cybersecurity</h3>  <p>www.academic-englishuk.com</p> <p>AE Academic English UK</p>	
<h3>Preventing a cyberattack</h3>  <p>Operating online</p> <p>Businesses & Corporations</p> <p>Data breaches</p> <p>www.academic-englishuk.com</p> <p>AE Academic English UK</p>	
<h3>Cyberattacks on businesses</h3>  <p>The increase in cyberattacks</p> <ul style="list-style-type: none"> • Beaming's five-year cybersecurity report (2020). • Board level discussions. • Malware and ransomware. • Government initiative: Active Cyber Defence. • Suspicious Email Reporting Service. • Telecoms Security Bill. <p>www.academic-englishuk.com</p> <p>AE Academic English UK</p>	
<h3>The business of cybersecurity</h3>  <p>Department for Culture Media & Sport</p> <p>DARKTRACE</p> <p>THE NATIONAL SECURITY AND INVESTMENT ACT 4 January 2022</p> <p>www.academic-englishuk.com</p> <p>AE Academic English UK</p>	