



# Be a cyber-safe owl!



## Fun activities for primary students to continue learning about cybersecurity

Here is a series of fun cybersecurity activities for your students. You will agree that you will be in the best position to decide and choose those that will be most appropriate according to the age and interests of your students.

# Answer key booklet





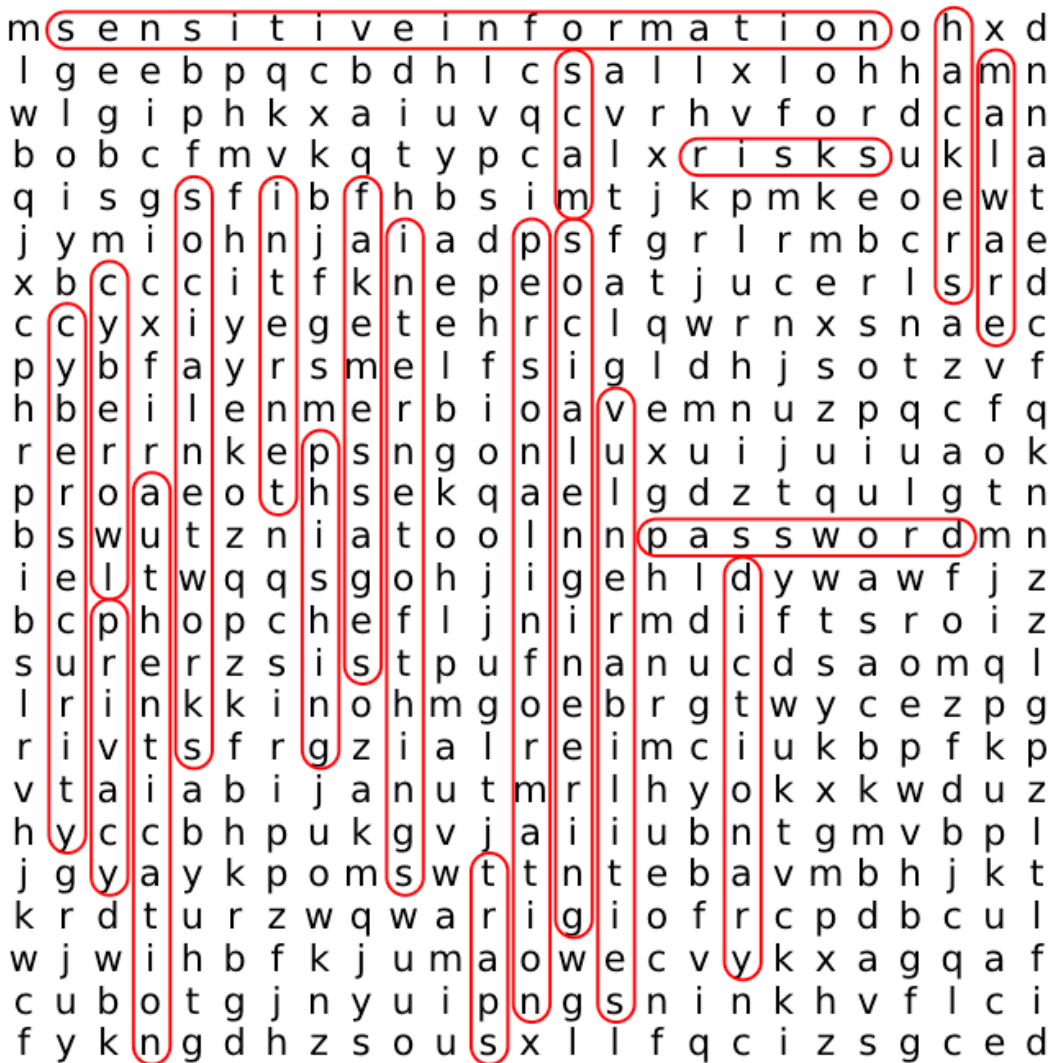


# Be a cyber-safe owl!



## Hidden words

Can you find all the hidden words all over the grid?



authentication  
 cyber owl  
 cybersecurity  
 dictionary  
 fake messages  
 hackers  
 internet

internet of things  
 malware  
 password  
 personal information  
 phishing  
 privacy  
 risks

scam  
 sensitive information  
 social engineering  
 social networks  
 traps  
 vulnerabilities





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## Cybersecurity Vocabulary

Can you move and place all the letters of the cybersecurity words from the "Word Bank" to the boxes below?



P A S S W O R D S

S O C I A L  
N E T W O R K S



P E R S O N A L  
I N F O R M A T I O N

P H I S H I N G



### Word Bank;

- hacker
- malware
- passwords
- personal information
- phishing
- social networks



M A L W A R E

H A C K E R





## Cryptography, decipher the message!

### Did you know?

Cryptography is like a secret code that helps protect important messages, so only the right people can understand them. It's very important for keeping things like passwords and private information safe, especially on the internet.

One fun example is Caesar's cipher, which was used by Julius Caesar a long time ago. He would hide messages by shifting each letter in the alphabet by a certain number. For example, if you shift by 3, A becomes D, B becomes E, and so on. So, "HELLO" would turn into "KHOOR". To understand the secret message, you need to know how many letters to shift back!

It's like a puzzle that keeps secrets safe! (Source ChatGPT)

### Are you up to the challenge?

**Message 1** ; Try to decipher the message below, written with a Caesar cipher with an offset of 3. So each letter in the message is offset by 3 positions in the alphabet. Spaces, numbers, and punctuation marks remain unchanged.

Ehlqj d fbehu-vdih rzo, dovr phdqv wkdw kdylqj d vwurqj  
sdvvzrug lv hvvhqwldo wr surwhfw brxuvhoi.

Answer for message 1 ; Being a cyber-safe owl, also means that having a strong password is essential to protect yourself.

**Message 2** ; Decipher the following message with an offset of 2;

Ngctpkpi vq wug iqqf ucfvha rtectvigvu kp  
eadgzgkcecvk ku uwrgt koraqtvcpv!

Answer for message 2 ; Learning to use good safety practices in cybersecurity is super important.





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## Cybersecurity Vocabulary

Finds the missing words to reveal the word in the shadow.

1	P	A	S	S	W	O	R	D			
2		M	A	L	W	A	R	E			
3	I	N	F	O	R	M	A	T	I	O	N
4		S	E	N	S	I	T	I	V	E	
5			T	R	A	P	S				
6		C	Y	B	E	R					

- 1-They need to be strong and difficult to find.\_\_\_\_\_
- 2- \_\_\_\_\_ can harm or slow down your computer.
- 3- Your personal \_\_\_\_\_ should not be shared on social medias.
- 4- Your passport number is a good example of a \_\_\_\_\_ information that should never be shared.
- 5- \_\_\_\_\_ are set by hackers to get access to your computers and networks.
- 6- Relating to the culture of computers.\_\_\_\_\_



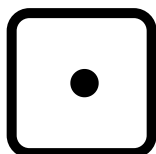


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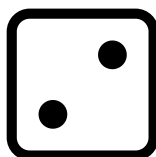


## What are the odds ?

Form a group of 2 or 3 friends, take turns to roll a dice and explore the odds of falling into cybersecurity traps. Keep track of your scores. The first person to get 20 points wins the game and becomes an official cyber-safe owl!



You are using a password, but it's weak, you only get 1 point.



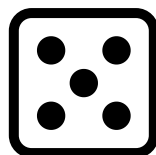
You have opened a suspicious link, you get 0 point.



You are careful about sharing personal data on the web, but you still do it, you only get 1 point.



You have installed malware accidentally on your computer, you get 0 points.



You are always using a strong password, you get 4 points.



Every day you are using cyber-safe owl's trips, you get 5 points!





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## Cybersecurity Vocabulary

Can you place the right word with it's image ?



Hackers

Internet of Things

Malware

Passwords

Personal Data

Phishing

Social Networks







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## Outsmart hackers

Help Thomas thwart the hackers' traps and find his shield



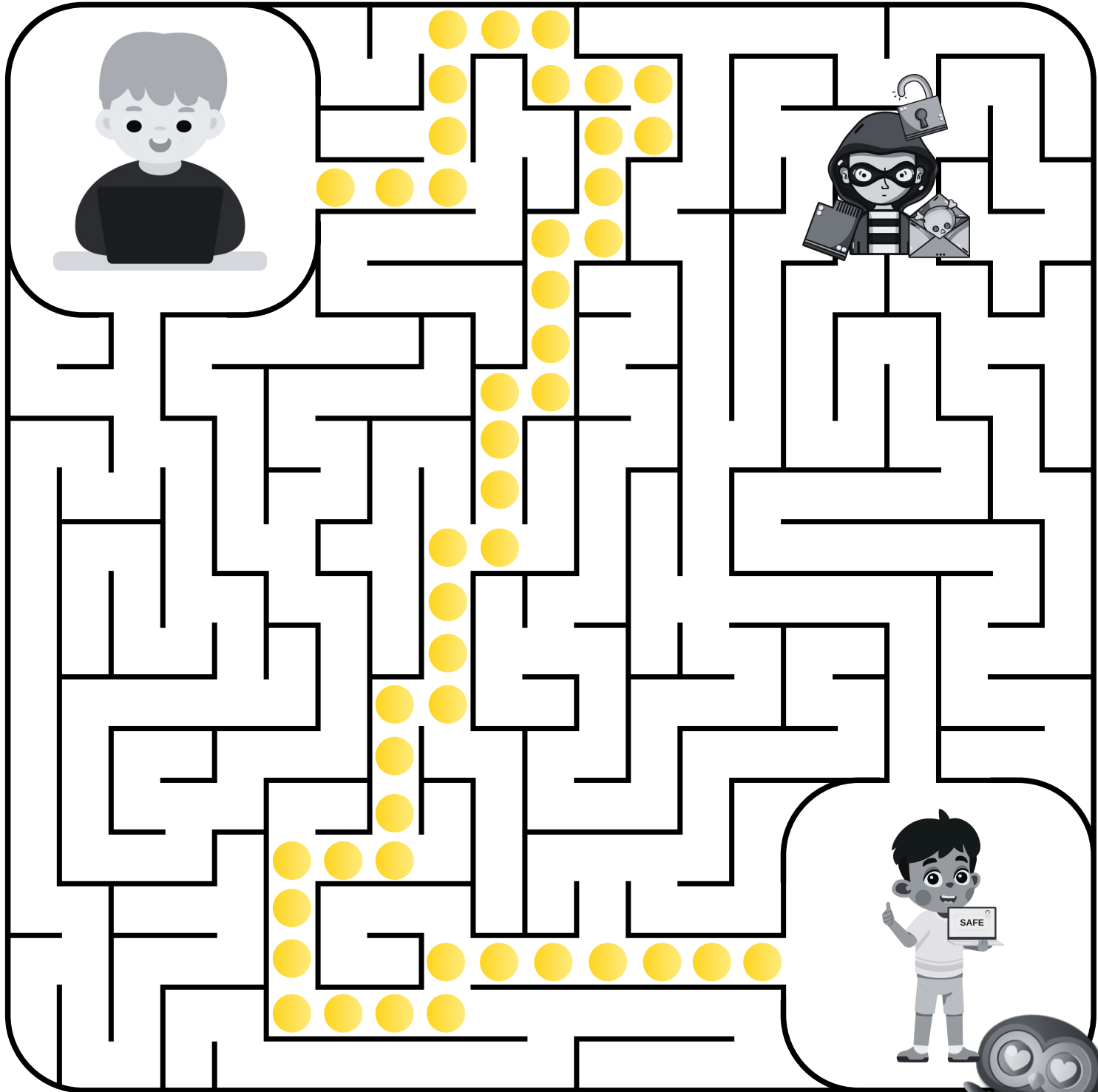


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## Outsmart hackers

Help Thomas thwart the hackers' traps and become a cyber-safe owl!



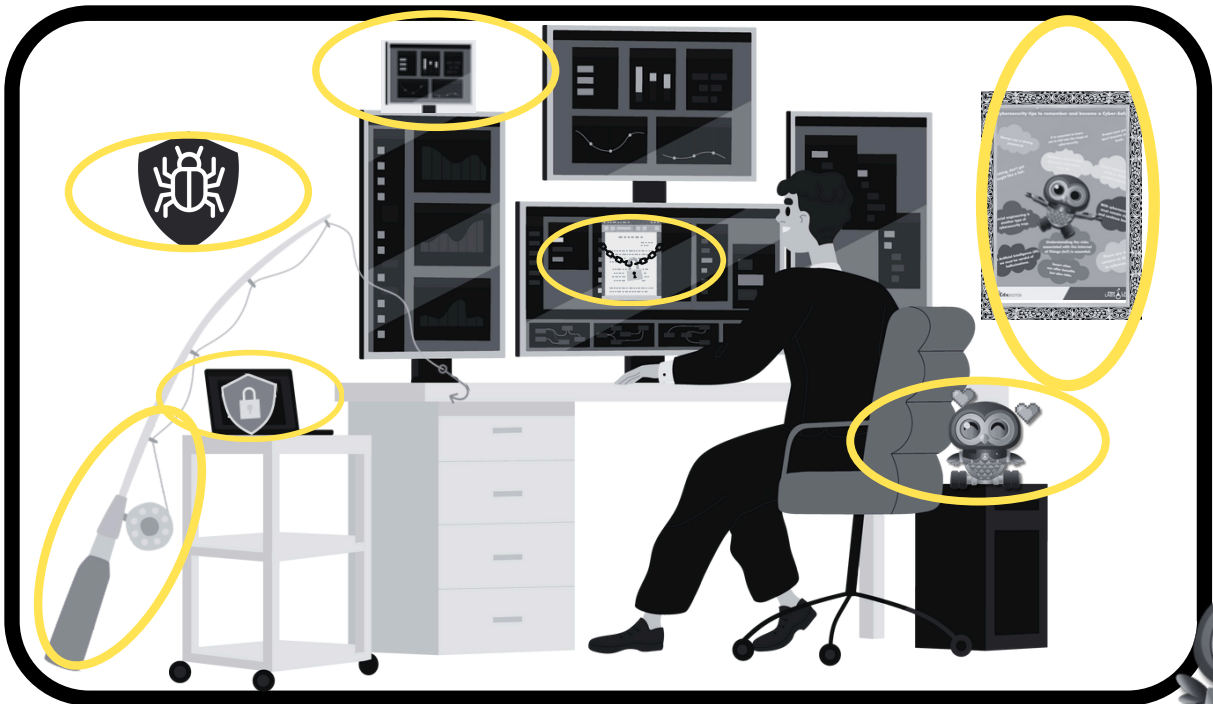
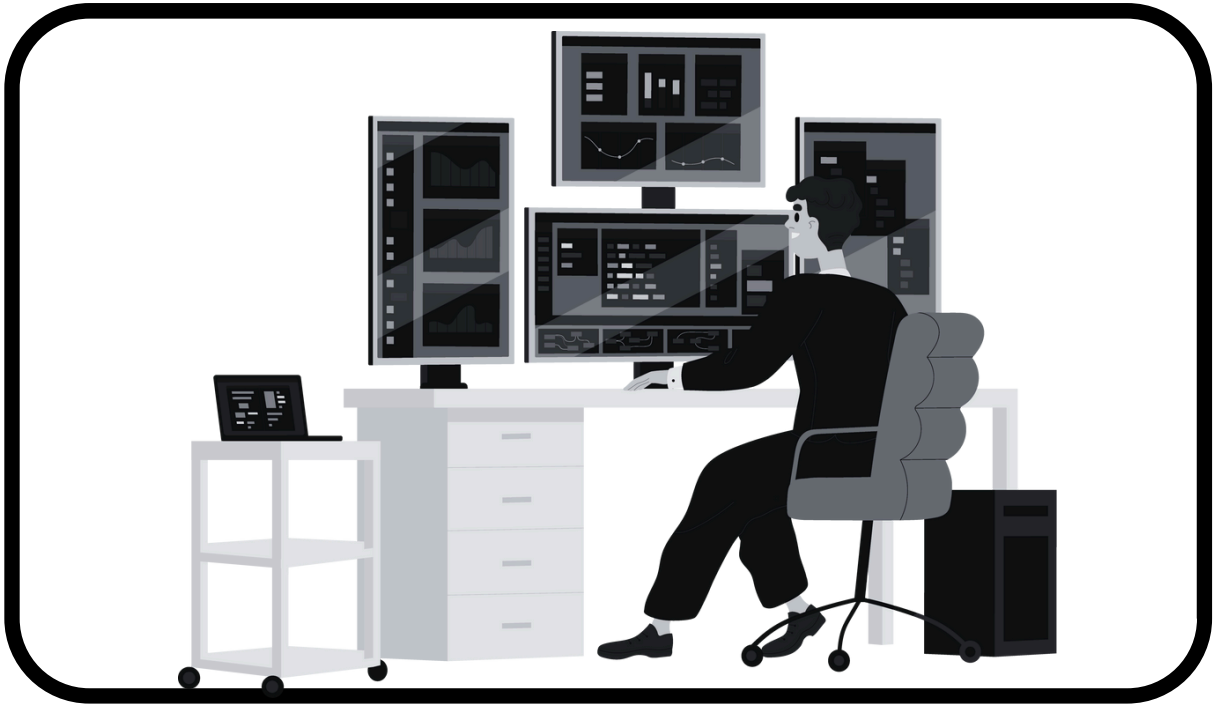


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## Spot the difference

Can you spot 7 differences between the 2 pictures below?





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