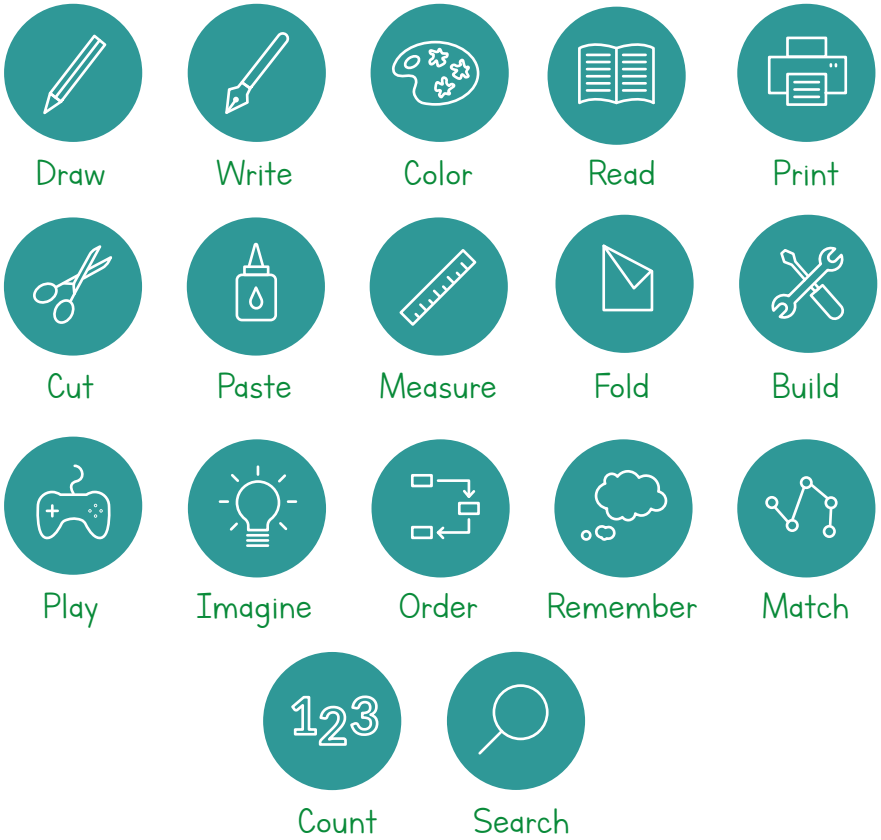
The Malware family

- Cyberholidays with the Malwares -

We have created these simple icons that will allow you to easily navigate through the steps to follow in each of the activities.

With them, even the youngest members of the family will be able to know what they have to do in an intuitive way.

And now, let's have some cyberfun!



The Malware family is going on holiday, and you are going with them!

Do you know who they are? A family of little monsters that we should all get to know if we want to prevent them from doing their thing and getting hold of our personal data or messing up our computers, phones, or tablets.

They are very naughty and slippery, and they get smarter all the time, but if we get to know them well, we will be able to put a stop to their "mischief".

Join #TheCyberactiveSubstance!

Let's go over the family members!

Rogue

He is also known as "the Bandit" because he is a specialist in lying. He loves to fool with everyone he gets the chance. He pretends to be an antivirus to make us believe that he is good but... Be careful! He is impersonating the antivirus! So, what he really wants is to trick us into thinking that he can help us, but in fact all he wants is to do his naughty things.

Virus

The youngest of the family and the most well-known of all. Don't let his size fool you, as he can do a lot of damage, but first he has to get you to touch him.

Trojan

He seems harmless but you have to keep a very close eye on him. He loves to plan surprises, but not exactly the kind of surprises we usually like. Together with Adware, they throw some really great parties.

Keylogger

He is the brains of the group, his great eye sees everything, but what he doesn't know is that he can't meddle in other people' lives like that. He wears some keys as a necklace, he seems to love them...

Adware

He is the most cheerful and extroverted, he always goes around jumping and shouting. He likes to stand out and that everyone listens to him and does what he says. But he does not usually have good ideas.

Spyware

He is very quiet and discreet. He is the most observant of all. He cannot speak because he has no mouth, so he communicates using a secret language. Even so, he is a total gossip, and takes advantage of his appearance and qualities to spy on others and find out things that he is not supposed to know.

Ransomware

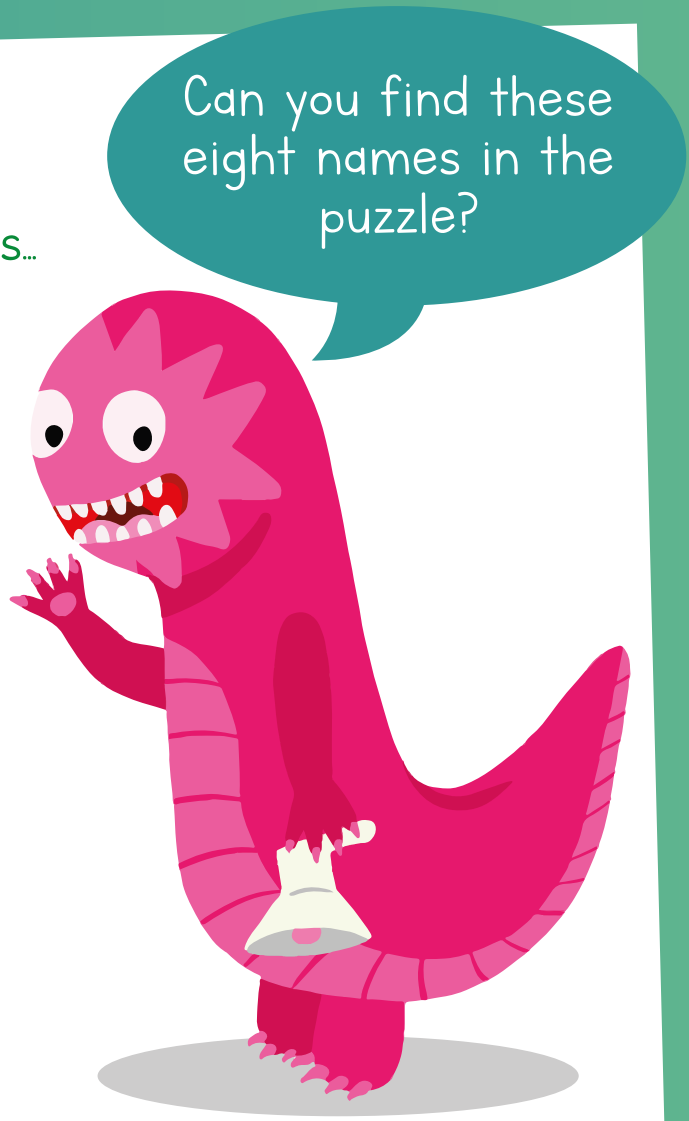
This naughty family member likes to collect keys and hide things from others. It is a game to him, but sometimes he goes too far. If we don't watch out for him we can lose our greatest treasures.

Worm

He's a glutton, he can't help eating everything that comes his way, from a lollipop to a computer. The bad thing is that once he starts, he can't stop. He can multiply very easily. He can eat everything up!

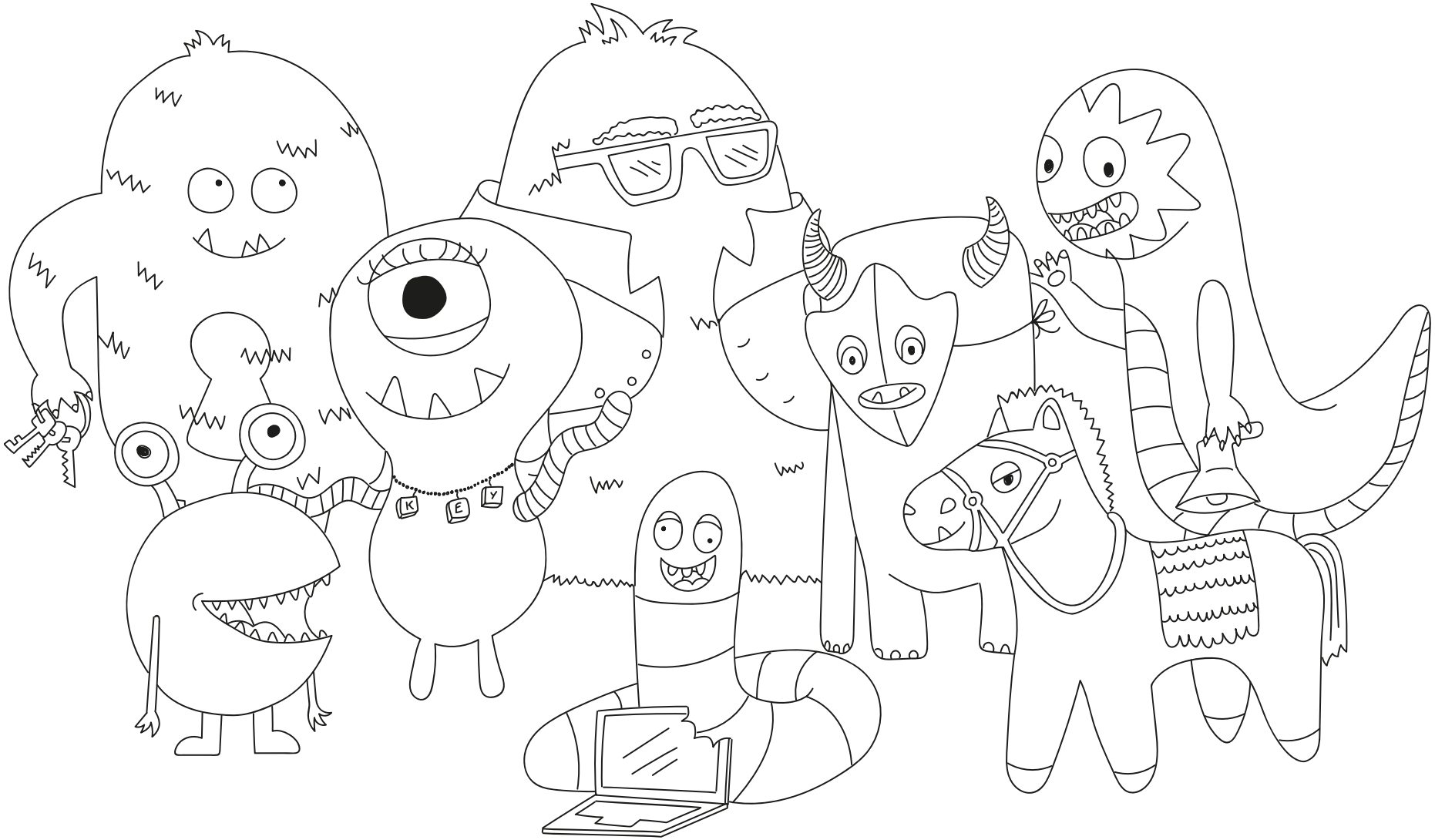
The monsters have tried to write their names to introduce themselves but they have made a mess...

A K O B J A L M S D D R T
T E C O T R O J A N O G Z
L Y O Q E A U R S G G D W
A L I O R A L M U D U K X
E O L Q A O D E S A S L A
A G O I W A L M B D A V D
N G W L Y A F X D S N I F
O E O H P A L J S W O R M
M R A N S O M W A R E U D
Q U O Q W A D W A R E S J



Rogue
Trojan
Spyware
Worm
Adware
Ransomware
Keylogger
Virus

Now that you have met them all, let's color them!
Use as many colors as you want!

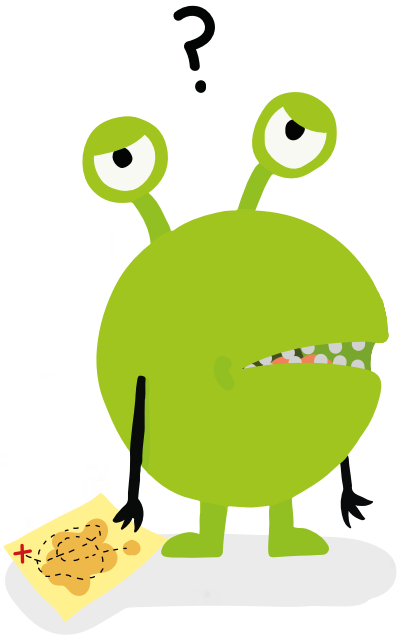


But how did these monsters meet?
You will find out! Read the story carefully.

It all started with a small virus.

He lived in a laboratory but, tired of being alone, one day he decided to go out and look for friends.

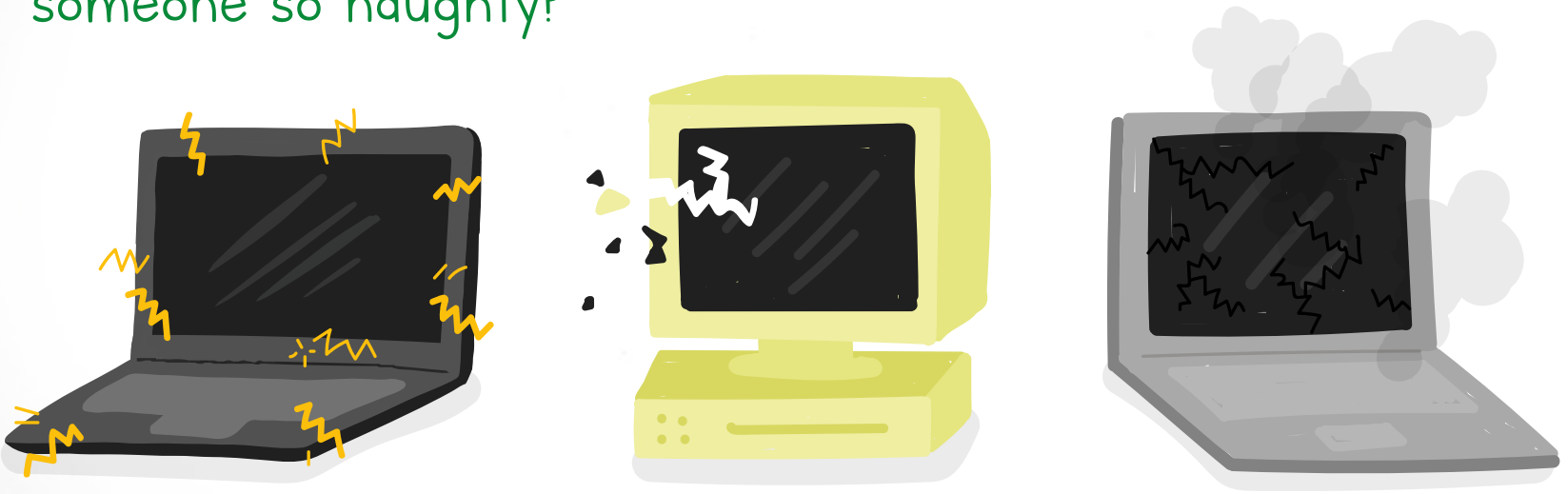
He walked around all day but found no one. When he realized he has walked so much, he was already so far from home, that he didn't know how to get back.



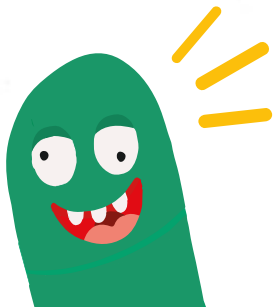
Where was he supposed to sleep? It was almost dark, and he did not know what to do. He finally found an open computer and it seemed like a good place to stay.

At first the virus was harmless, but little by little he became more and more naughty and played more and more pranks. So many, that he ended up destroying his own house and had to look for another one.

After a few broken houses, the virus still couldn't find any friends. But that was normal, who would want to play with someone so naughty?

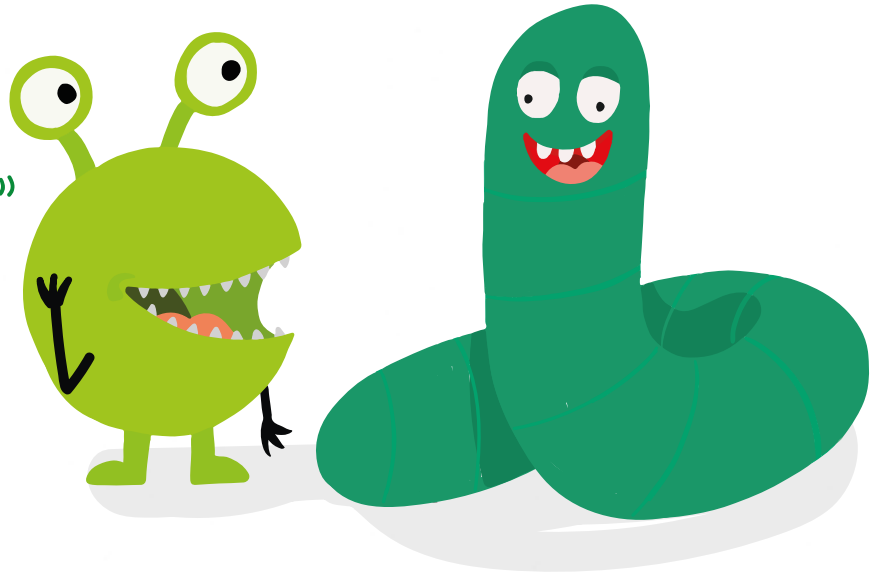


One morning, he felt a very loud noise in the computer where he lived. Oops! It seemed that it was time to find a new home. This computer-hours didn't have much left to break down. So he grabbed his belongings, but, just as he was about to walk out the door, he saw a head peeking out of the door.



"Hello, is anyone here?" said a worm.

"Yes, but I was just leaving, this house is already broken." answered Virus.



"And where are you going to go?"

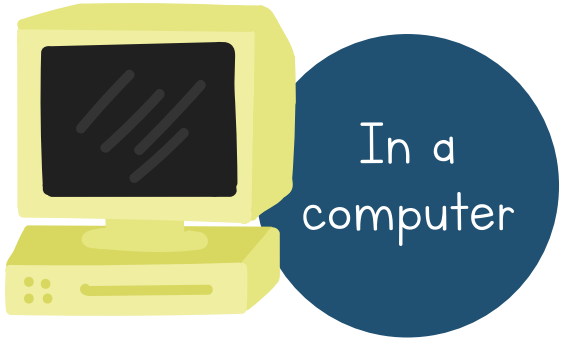
"I am going to look for another house to live in until I break it."

"Well, I can help you if you want.
I love searching for new houses and jumping from one to another!"

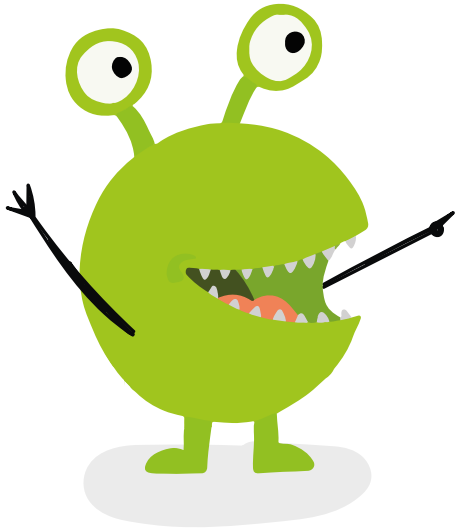
"Really? I'd love to!" said the virus.

And from that day on, the virus and the worm became inseparable.

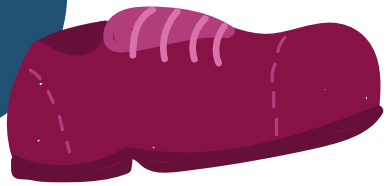
Now you know how Virus and Worm met!
Will you be able to answer these questions correctly?
Match the story character with the correct option.



A home for me is...



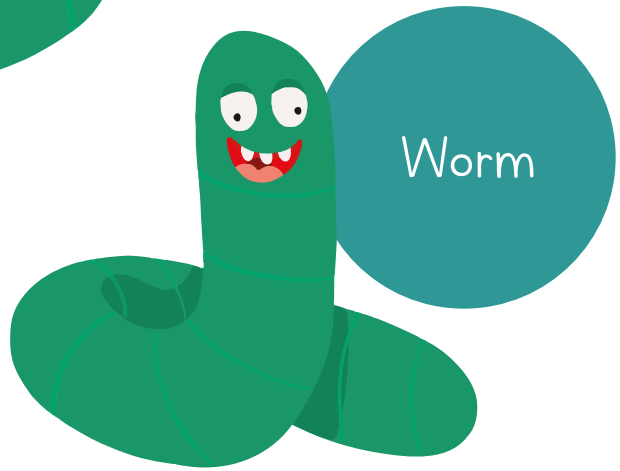
A shoe



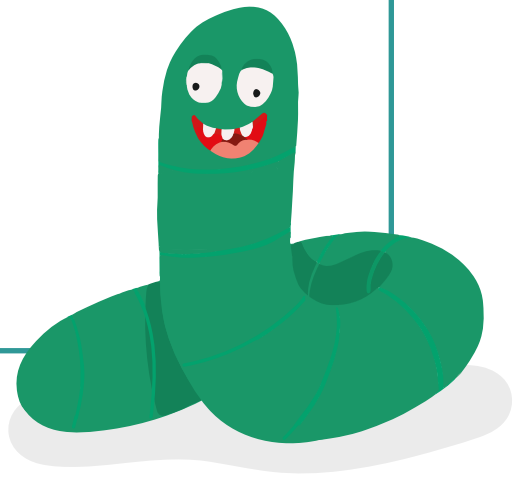
A flowerpot

A computer

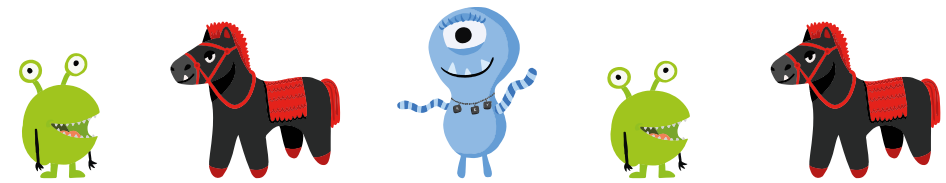
Who is my new friend?



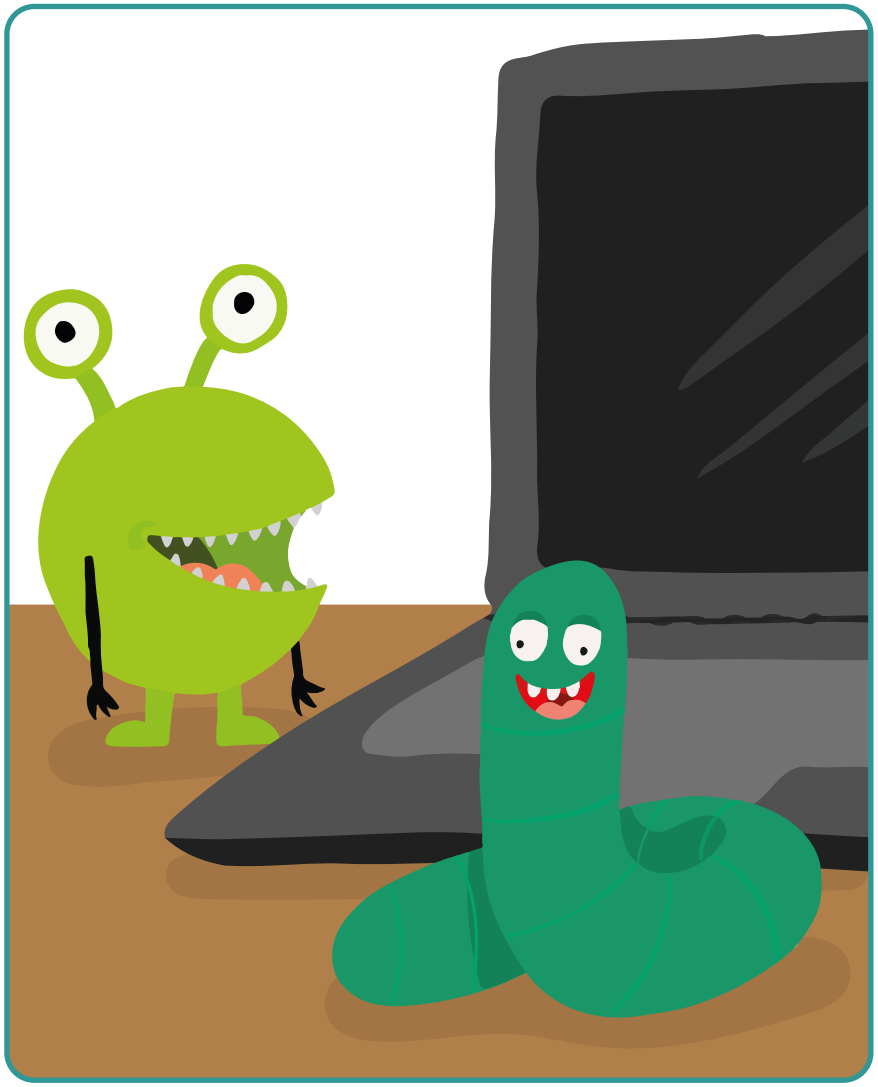
Now it's your turn! Draw the next "house" that Virus and Worm moved into. Do it the way you want it to be.

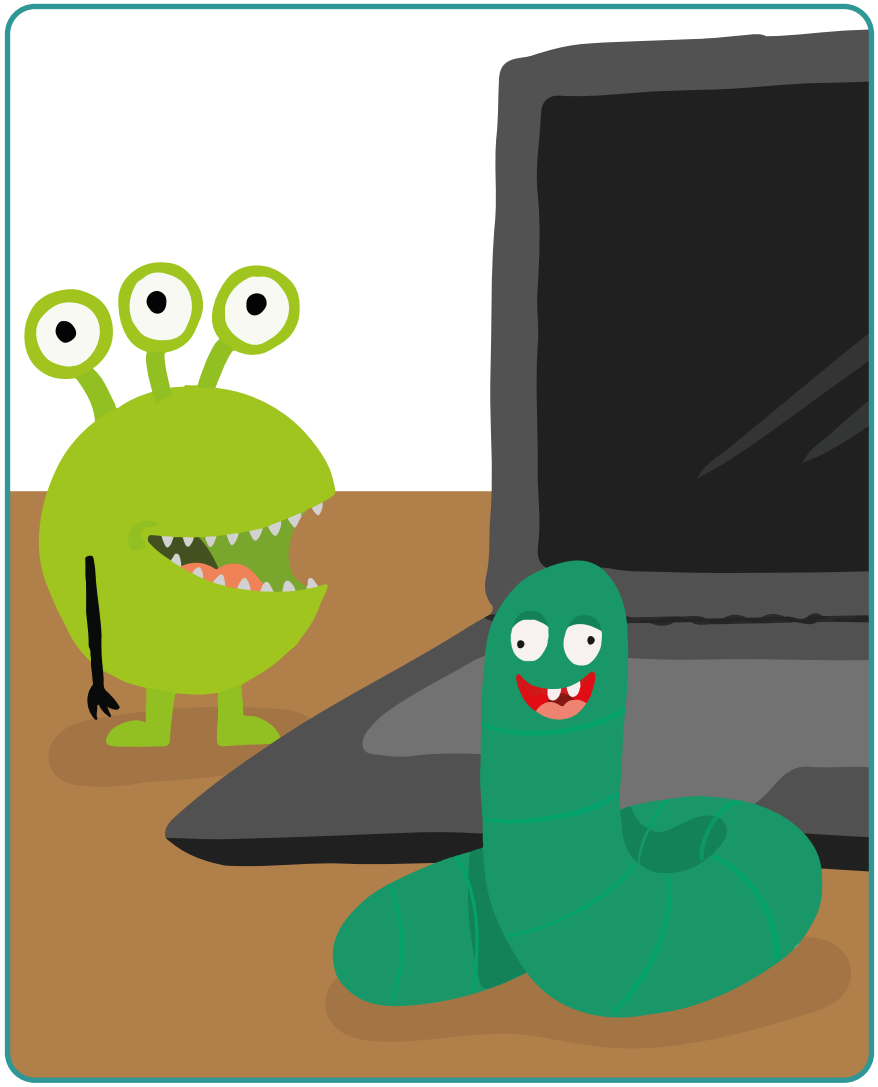


Complete the sequence of little monsters. Cut them out from page 10 in the "Cut-outs" section and paste them in their corresponding places.



Can you spot the 7 differences between these two pictures?

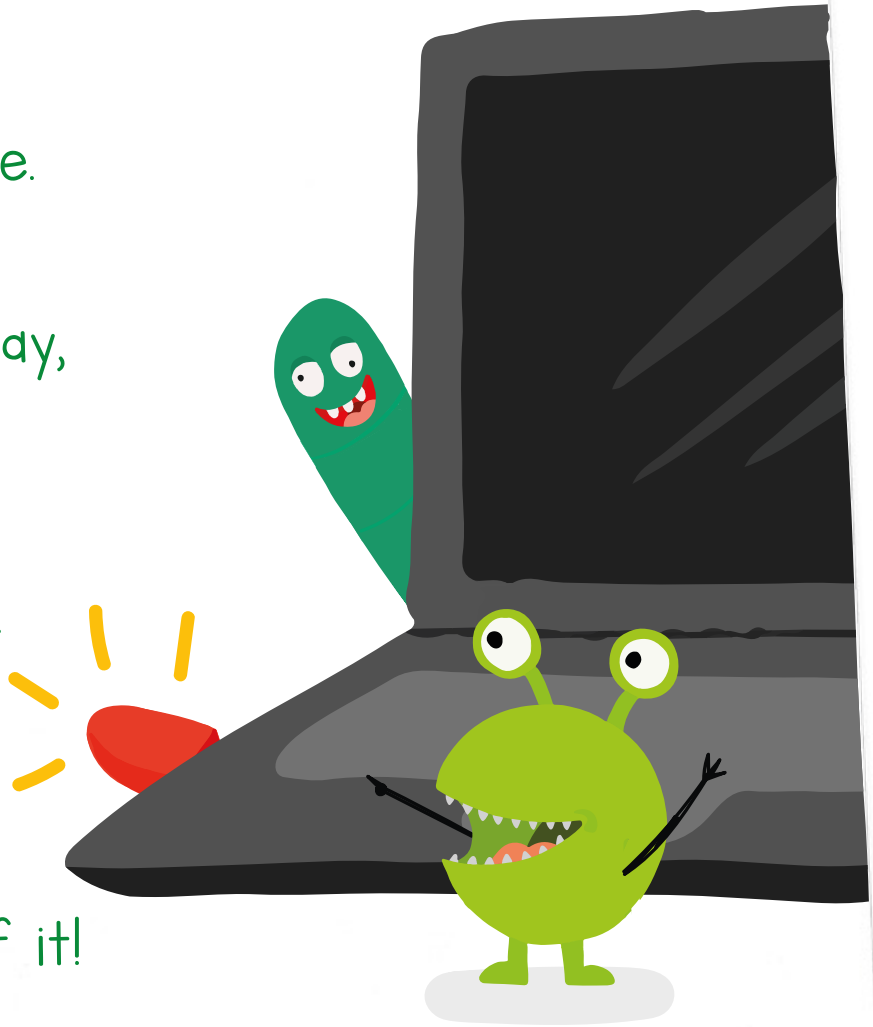




We already know how Worm and Virus met, but what about the others? You'll find out! Read the story carefully.

Virus and Worm were inseparable. They were living so many adventures together! Until one day, when they were inspecting a computer, they saw how a USB flash drive was being plugged in.

It wasn't the first time this had happened, but what was new is that someone was coming out of it!

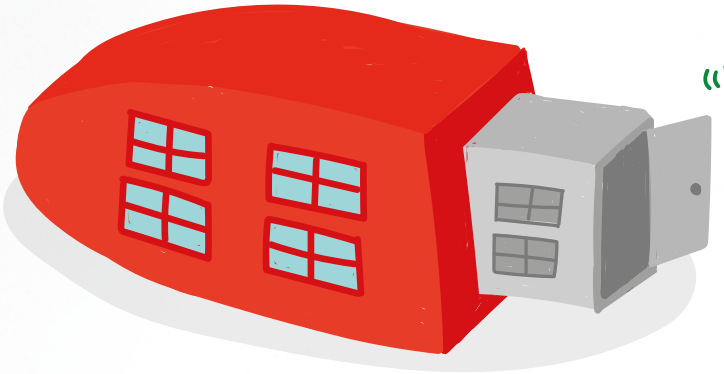


And there it is! A black horse is staring at them in surprise, just in front of them.

"Hello, who are you?" asked Virus.

"I am the Trojan."

"And how did you appear here?" he asked again.



"Well, I don't know, someone must have connected me to this computer. This flash drive is my home."

"What a strange house!" said Worm and Virus at the same time.

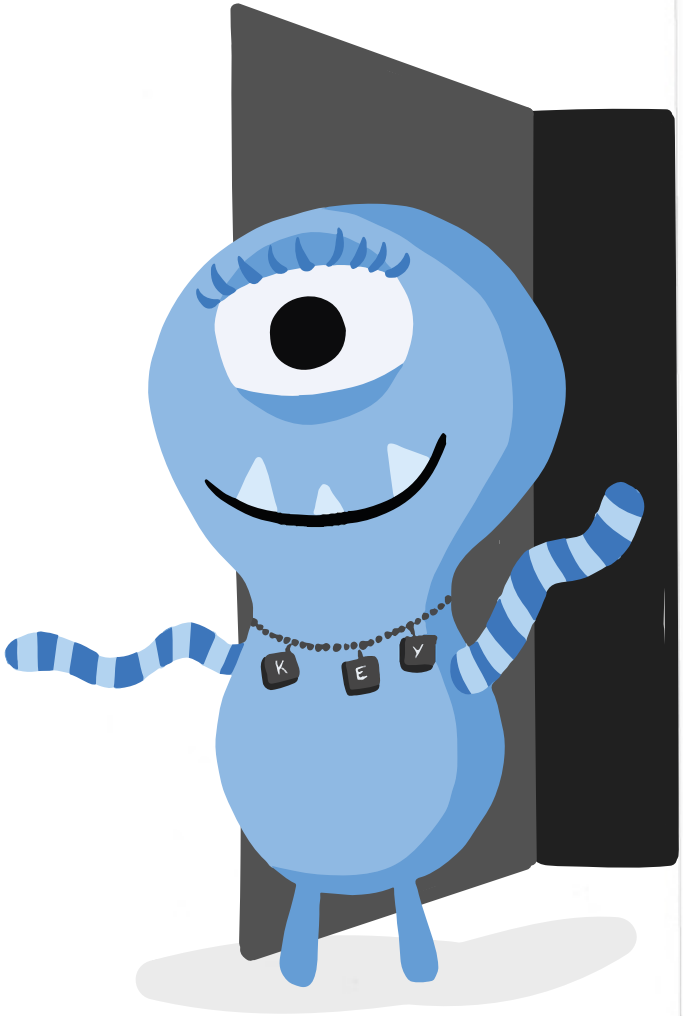
"I love it!" answered Trojan.

"Why do you love it?" asked Worm.

"Because thanks to it I can travel a lot and get to know new computers. Every day is a surprise!"

"Hello" said a voice suddenly.

Worm and Virus looked at a door that had just opened in the computer. They were amazed!



"Don't worry." said Trojan "It's my friend Keylogger. He often comes with me. He has a hard time getting into computers, so I usually help him by opening the doors for him."

"Do you know how to open doors?" asked Worm very interested.

"Of course, that's my specialty! I open doors without making too much noise so I can do what I want and help other friends to get into computers." said Trojan.

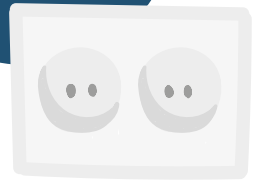
"Well, if you want, you can join us." said Virus.

And from that day on,
Trojan and Keylogger
joined the Malware family.

The Malware family is growing!
Will you be able to answer these questions correctly?
Match the main characters of the story with the correct option.

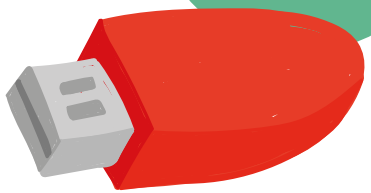
Where do we like to travel?

In plugs

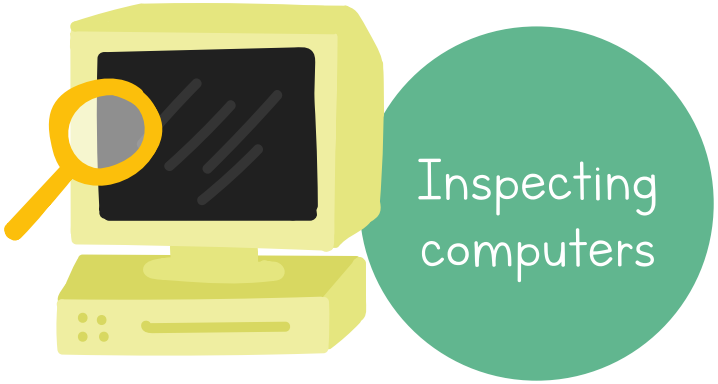


In computers

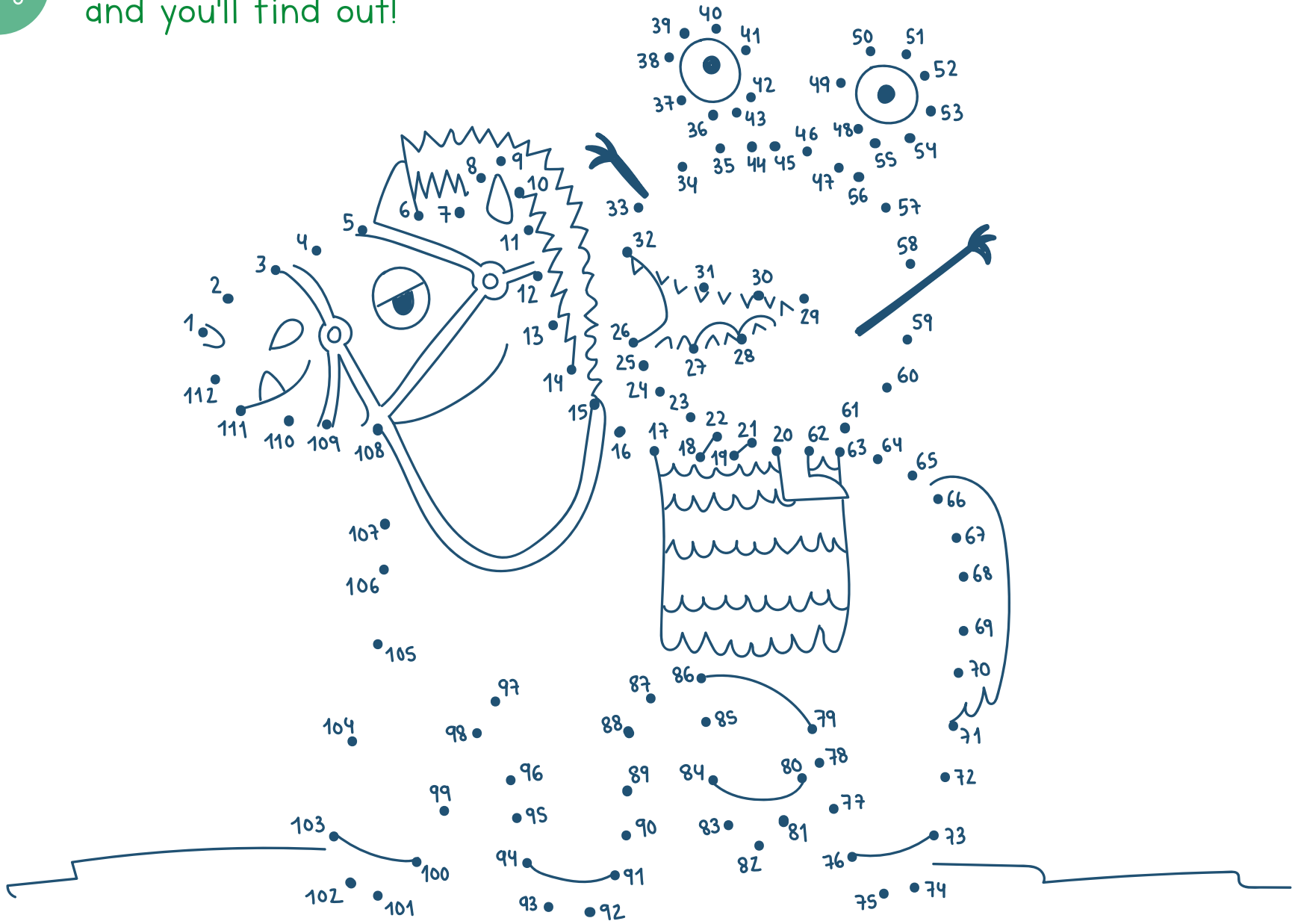
In flash drives



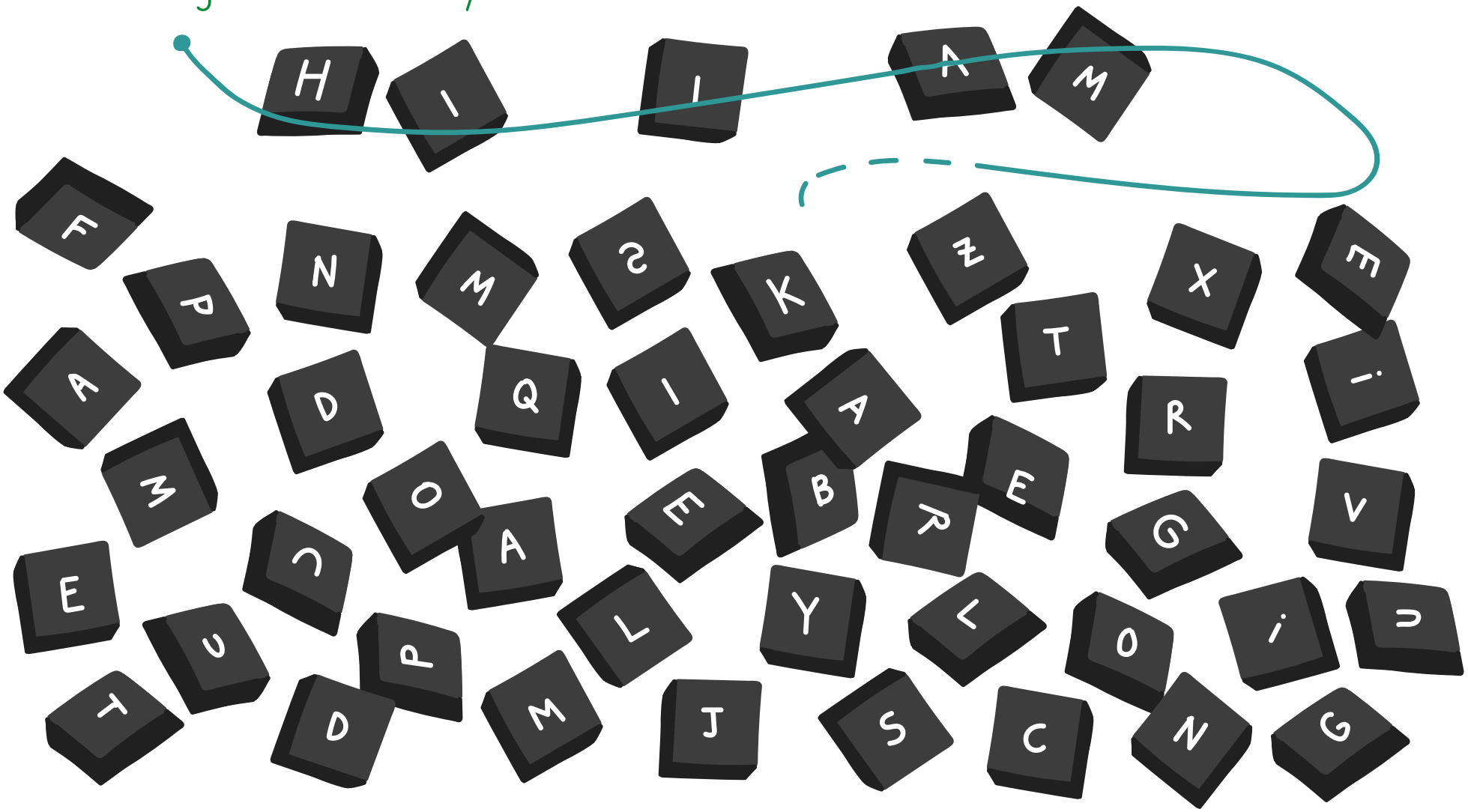
What is my specialty?



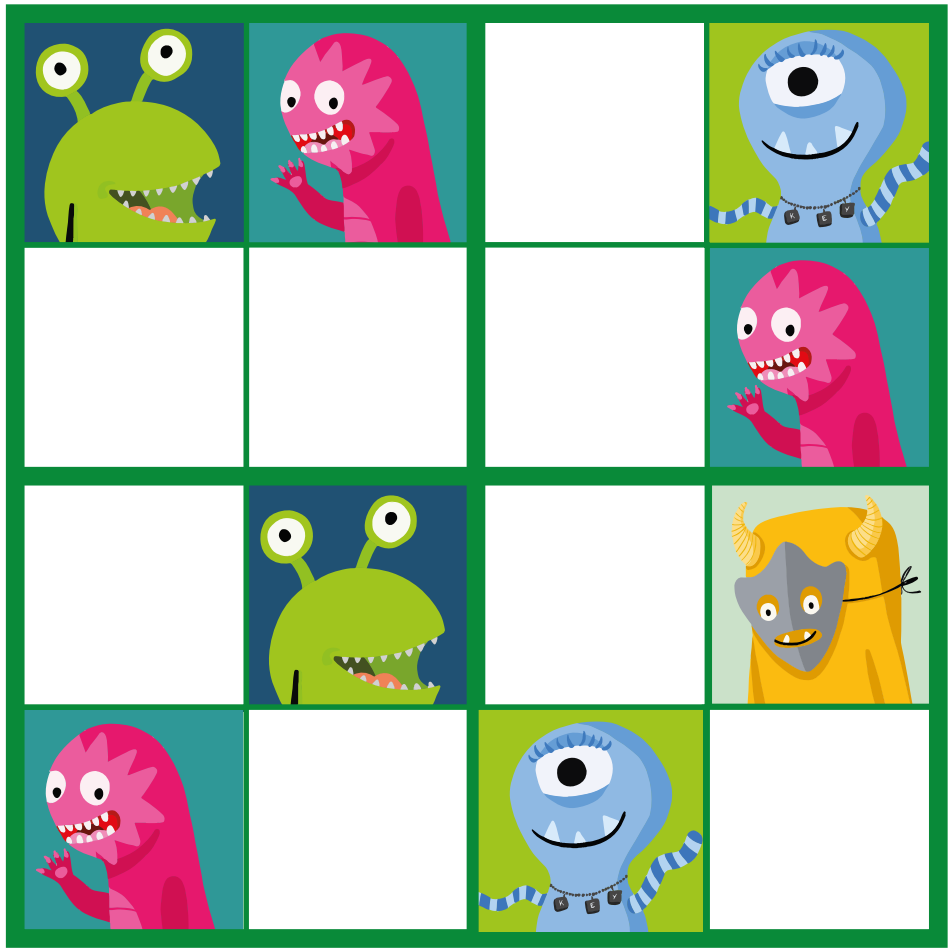
Can you guess what Virus did when he met Trojan? Connect the dots and you'll find out!



Keylogger was teaching Worm how to write his name, but he made a mess with the keys. Are you able to put them together to write his name correctly? Then, with a different color pencil, connect the keys together to form your own name!

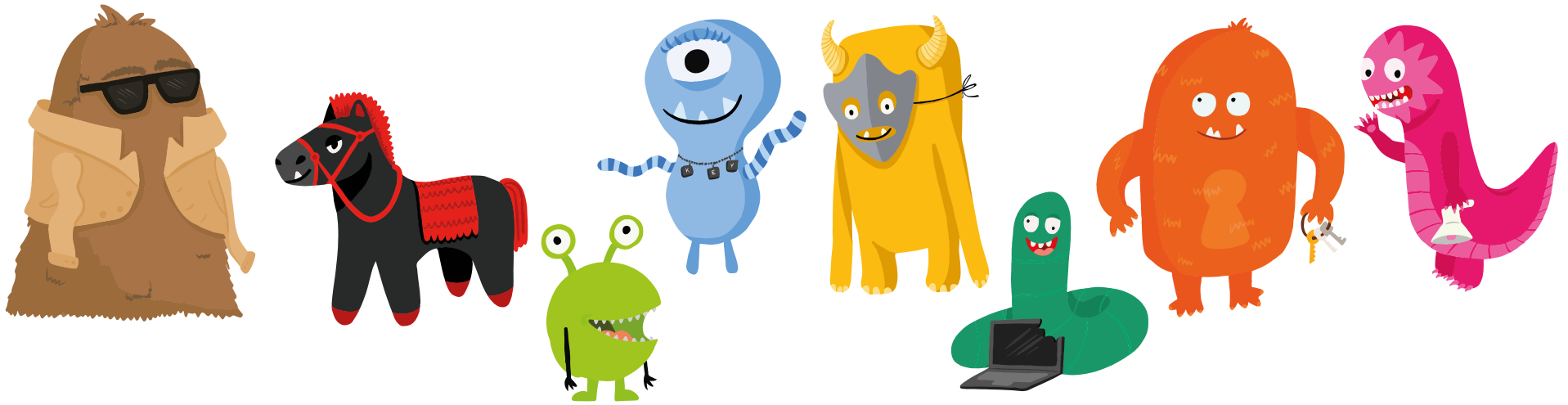


Complete the sudoku by drawing or pasting the cards on page 1 in the "Cut-outs" section.



Remember that pictures cannot be repeated either, in the box or in each vertical or horizontal line.

The Malware family has been doing their thing and without knowing how, they have managed to mix their shadows! Can you match each monster with its shadow?

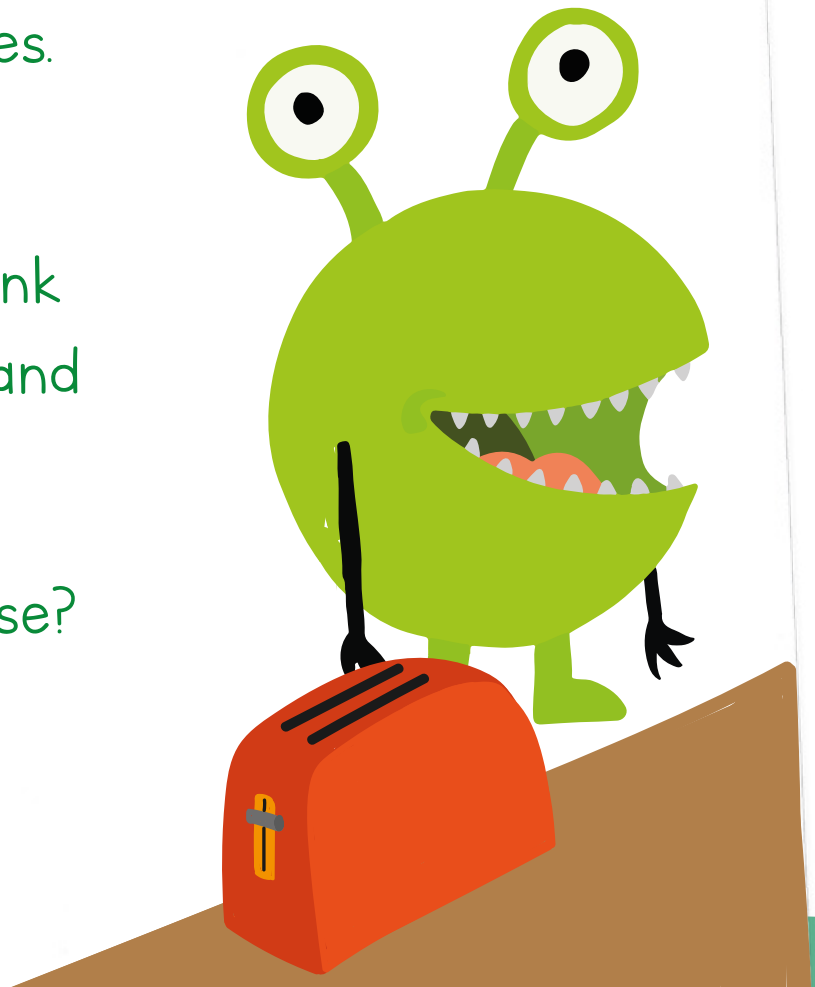


The Malware family is getting bigger and bigger.
But they're not all of them yet! Read the story carefully.

Virus loved living on computers. Every day was an adventure full of surprises. And this morning was not different.

He was cooking breakfast when, a pink monster with a megaphone in her hand appeared right in front of him!

"Hey! What are you doing in my house? And who are you?" Virus said a little angrily.



“Sorry, I didn't know it was busy. I'm Adware. Mmm...! It smells like toast, yummy! It's been so long since I've tasted them...”

Virus felt sorry for her and invited her over for breakfast.

As they ate their food, Virus wanted to know how this little monster, who was now beginning to seem so friendly, had appeared in his house.

Adware told him that she didn't know how to break into computers. She tried and tried but never succeeded. Until one day she came across a somewhat unruly Program that told her that if she would get people's attention with ads and advertisements, he would give her access to the computers.

"Is it for that reason that you are carrying a megaphone?" Virus asked.

"That's right! This is how I get people to hear me and a lot of them listen to me."

A shadow quickly crossed in front of the two of them.

"What was that?" said Virus.

"Ah, don't worry. I'm sure it was Spyware." laughed Adware.

"Who?"

"Spyware! He is a friend of mine I met thanks to the Program. A lot of times he comes in behind me. But he is so quiet and so discreet that it is as if I were on my own. He won't bother us."

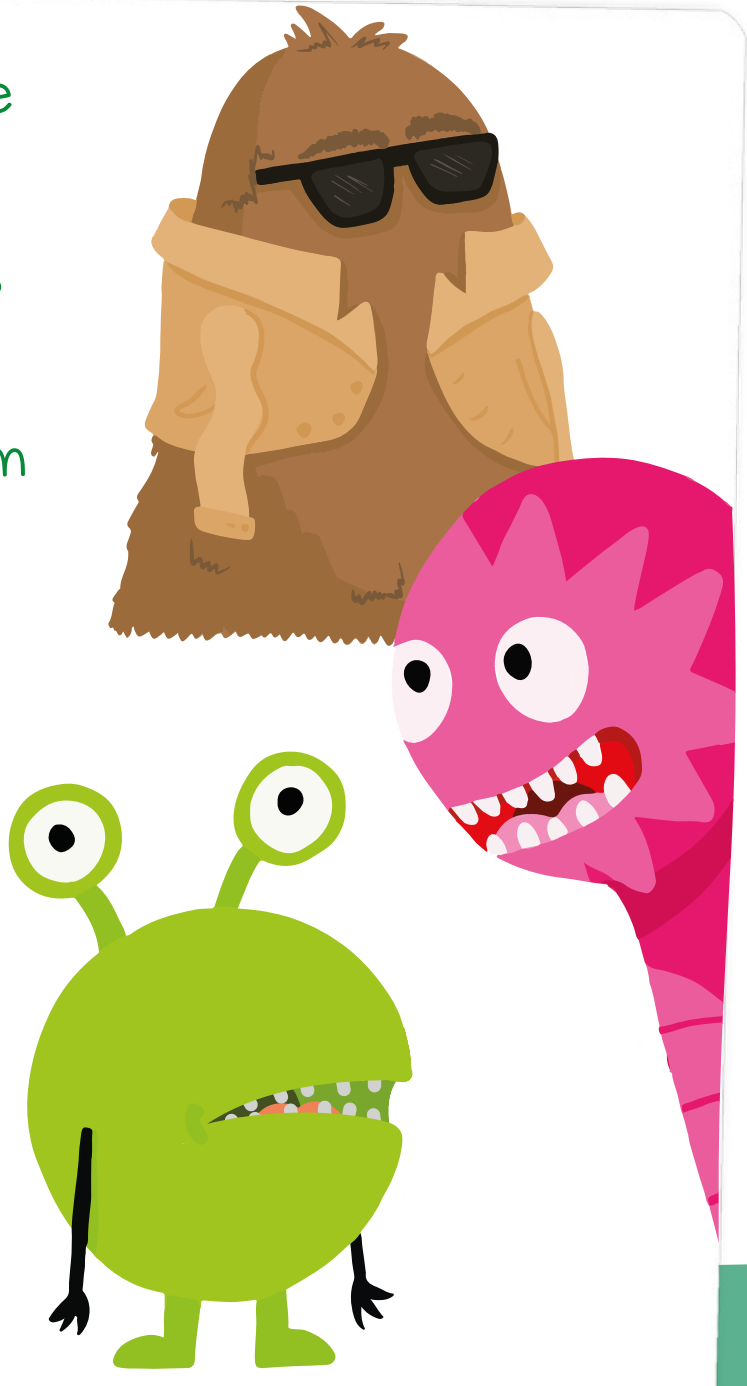
"Are you sure?" hissed Virus a little suspicious.

"Yes, yes, in fact, it is a long time since I met him, and he has never been a problem. He's a bit shy and all he does is eavesdrop and write down in his notebook as much as he can. I call him the spy."

"Well, I hope you're right." accepted Virus.

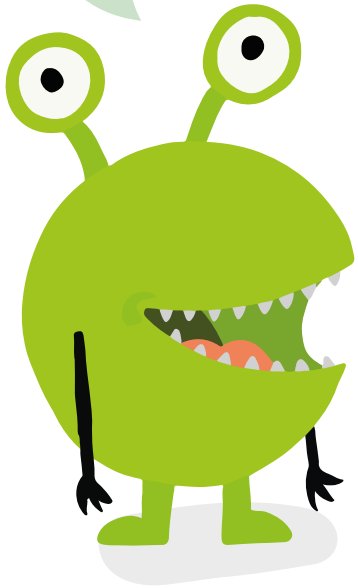
"You'll see." soothed Adware.

And that's how Virus met two new members of the Malware family.

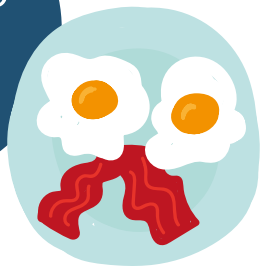


The Malware family is growing!
Can you answer these questions correctly?
Match the characters of the story with the correct option.

What was I cooking for breakfast?

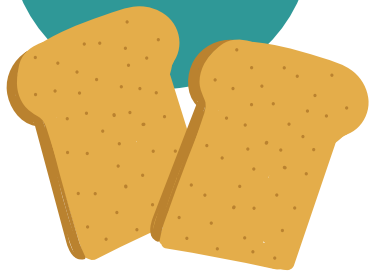


Fried eggs with bacon

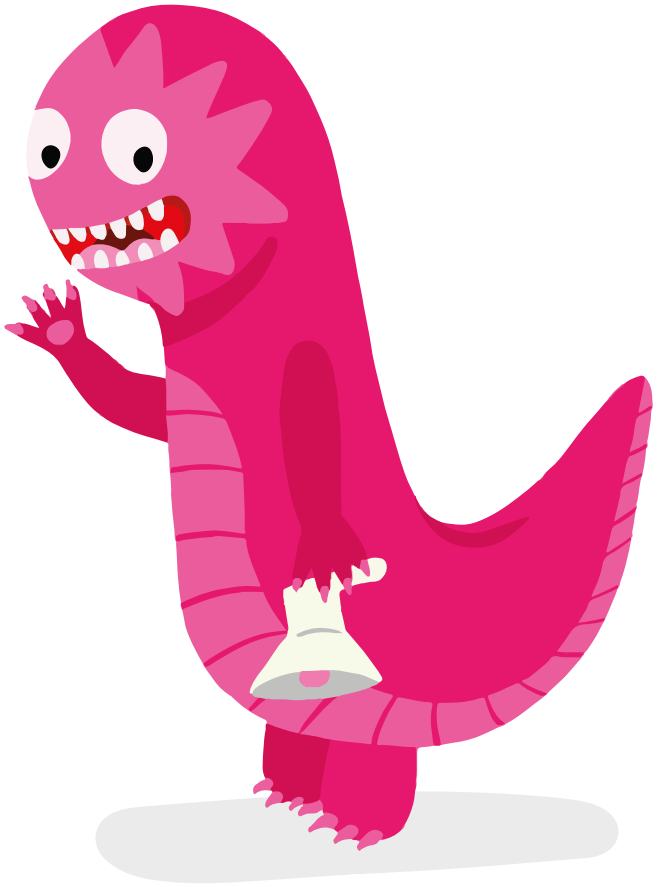


Chocolate with churros

Toasts

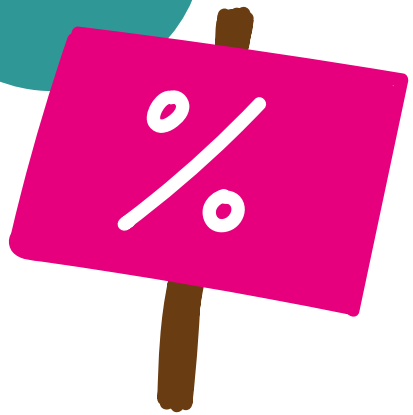


How do I get to call attention to myself?

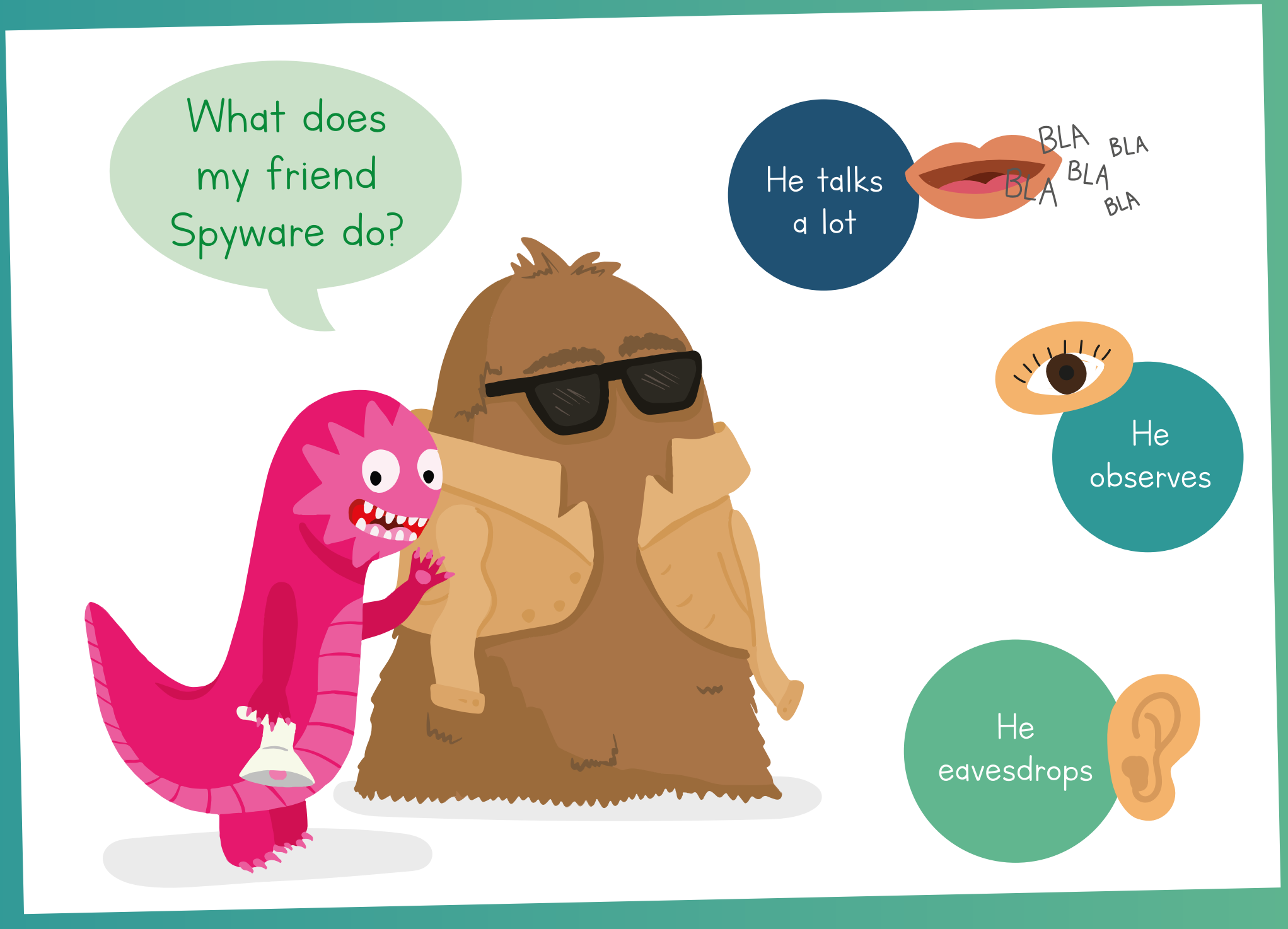


With a megaphone

With a banner



Getting on TV


What does my friend Spyware do?
He talks a lot
BLA
BLA
BLA
BLA
BLA
He observes
He eavesdrops

Do you remember that Spyware communicates in a secret language? Do you want to learn it? Here is the secret code he uses.

A B C D E F G H I J K L M

N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 0

Can you read the secret message?

Now write what you want using this secret code:

Now it's your turn! Make up your own secret language and use it to write messages to your family and friends. Remember to use a different symbol, shape or drawing for each letter or number.

A B C D E F G H I J K L M

N O P Q R S T U V W X Y Z

1 2 3 4 5 6 7 8 9 0

The Malware family is almost complete.
Here come the most recent members! Read the story carefully.

Virus kept looking for new computers to live in with his new family.

In most of them he found a lot of photos, documents, music, movies, games and many other things from their owners.

He didn't pay much attention to all this information, but one day he met someone who didn't think the same way...

He saw an opened computer and, inside of it, there was a big orange monster locking a closet with a key.

"What are you doing?" asked Virus.

"Aaaah! You scared me to death!" exclaimed the poor frightened monster.

"I'm sorry, I didn't mean to scare you. Let me introduce myself. I'm Virus and I was looking for a new computer when I saw you."

"I am Ransomware and was saving all the information I have found in this closet."

"What for?" asked Virus very intrigued

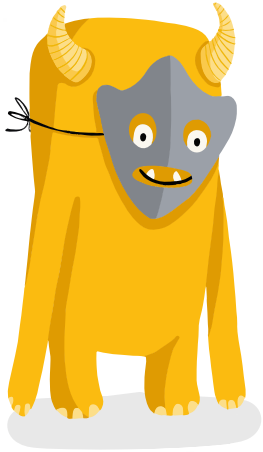
"So that only me can retrieve it and, if its owner wants it, he has to ask me for it."

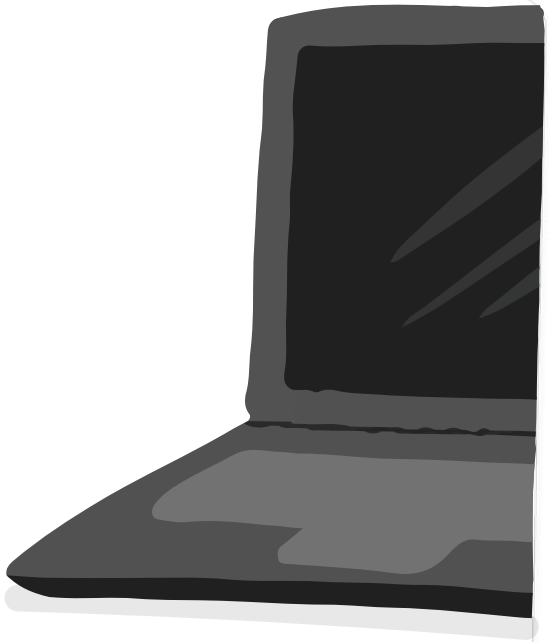
"And what do you get out of it?" asked Virus.

"Well, I get its owner to do what I want tin exchange for recovering their information."

"It would never have occurred to me!
But that's a bit wicked, isn't it?"

"Well, a little bit yeah. But I'm not the only monster that does bad things, am I? Right at the computer next to me there is Rogue."





"Who?" Virus said.

"Rogue. He really is a master of deception! He pretends to be no more, no less than an antivirus to get what he wants!"

"And here I was thinking that my family knew all the tricks to fool computer owners!" Virus asked thoughtfully.

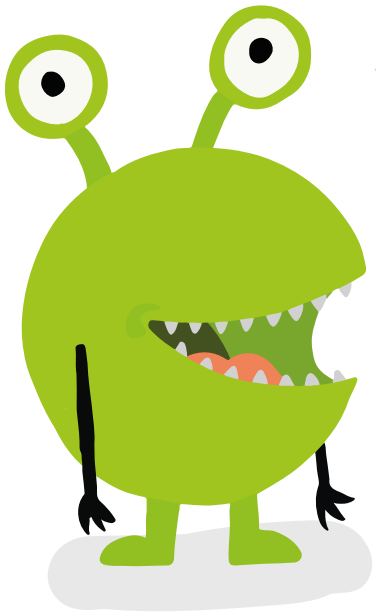
"Mmmm, and how about joining us? That way if one of us can't get into a computer, another one could help them."

"Yeah, that sounds like a great idea!"

And that's how the whole Malware family came together.

The Malware family is now complete!
Will you be able to answer these questions correctly?
Match the story's characters with the correct option.

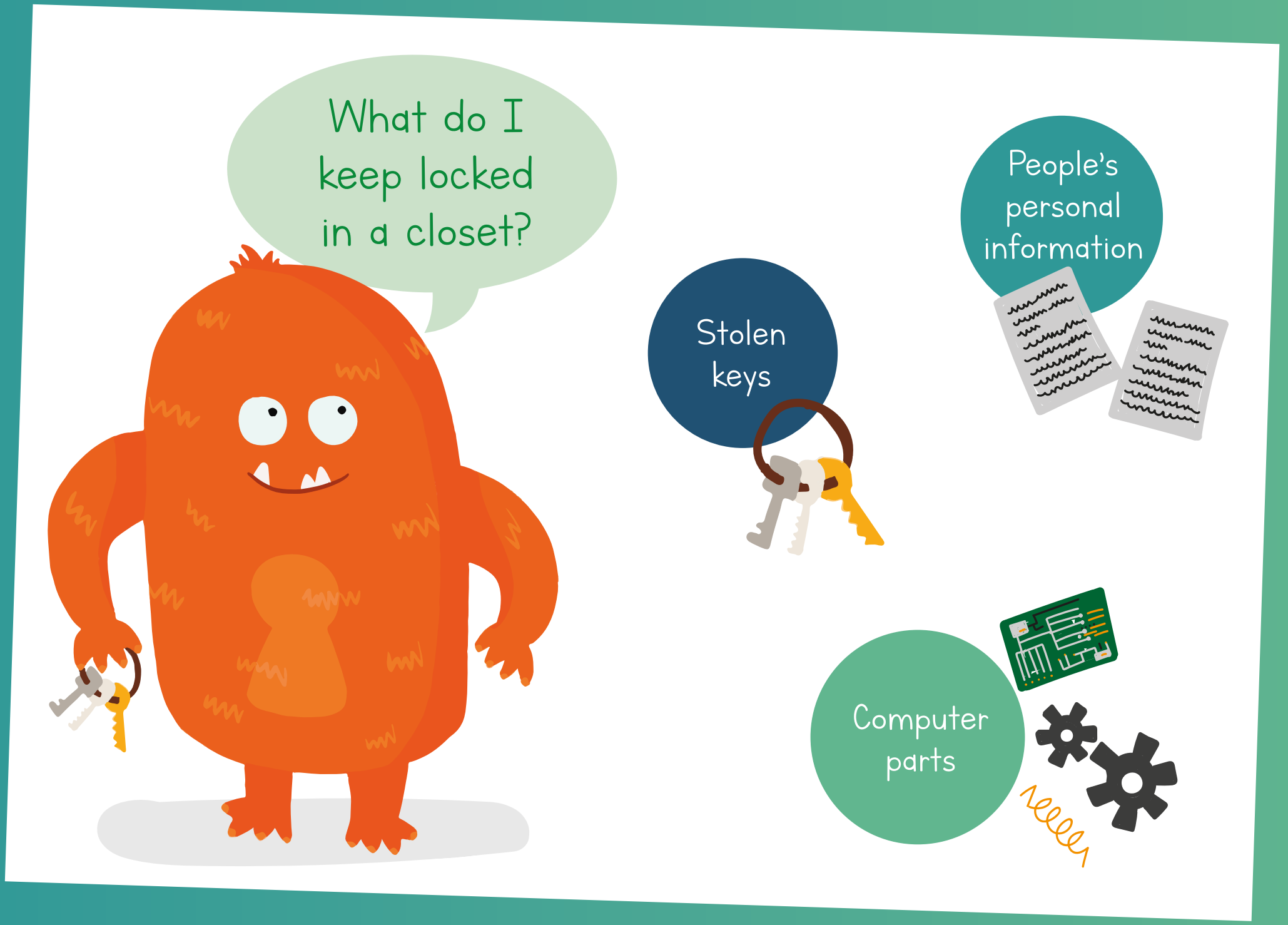
Who are the most recent members to join the family?



Ransomware and Rogue

Rogue and Adware

Ransomware and Spyware

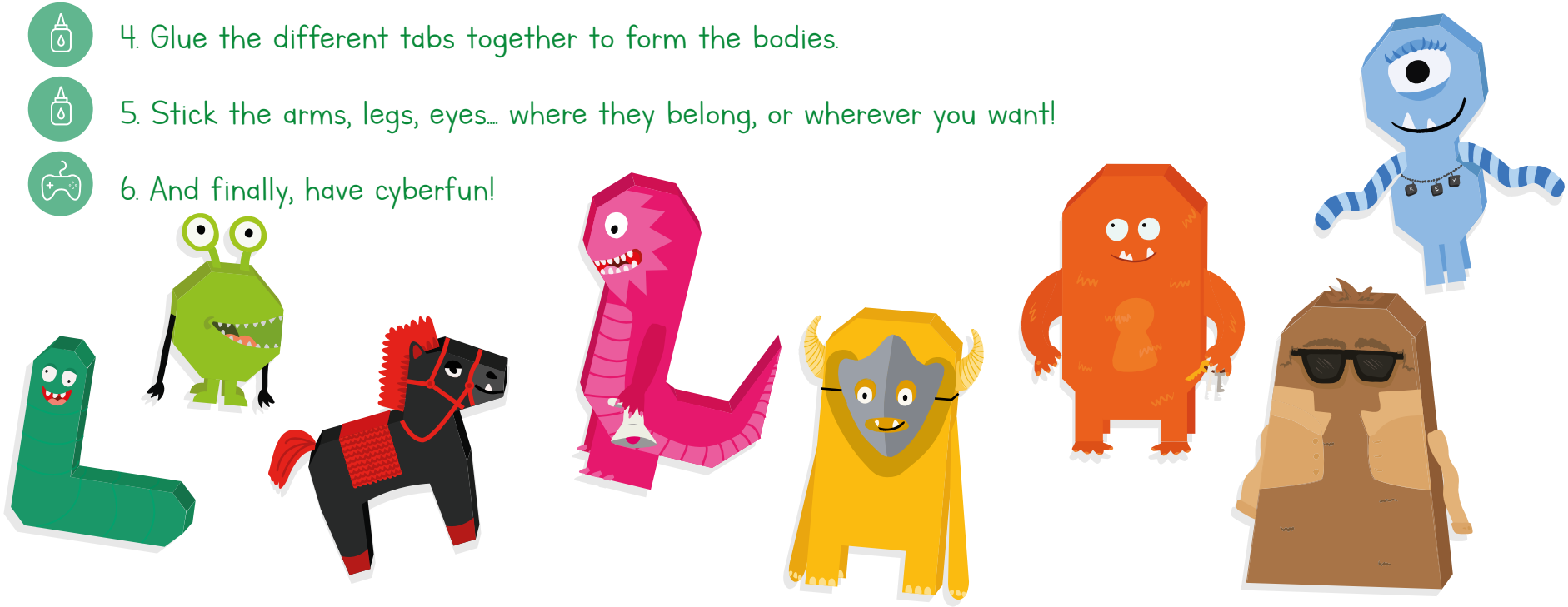

What do I keep locked in a closet?
Stolen keys
People's personal information
Computer parts

Who am I impersonating?
Police officer
Knight
Antivirus

The Malware family is now complete, draw them all.
Don't forget any member!

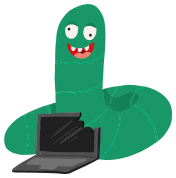
Create your own Malware family so you can play with all the characters. But before you start having fun, follow these instructions:

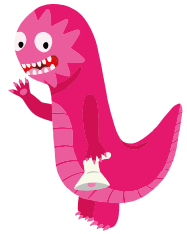
1. Print pages 2 to 9 in "Cut-outs" section.
2. Cut out the figures following the continuous lines, if you need help, ask an adult. We recommend that you go monster by monster, so you won't mix up the pieces (unless you want to do it that way, of course).
3. Once the pieces are cut out, fold them along the dotted line.
4. Glue the different tabs together to form the bodies.
5. Stick the arms, legs, eyes... where they belong, or wherever you want!
6. And finally, have cyberfun!



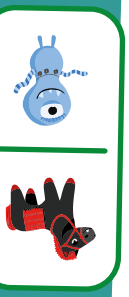
Tip: If you want your little monsters to be more durable, we recommend that you print them on cardboard or some thick paper.

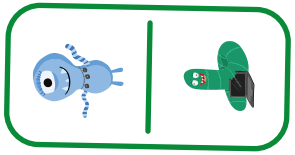
Each member of the Malware family really likes one thing in particular, can you guide each monster through the maze to the thing they like the most?

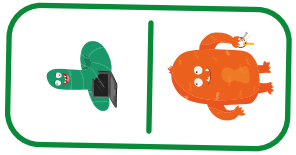




The Malware family has gone fishing for everyone's personal data!
Hook only to the fishes so they don't get away with it!





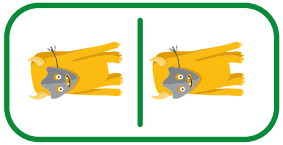


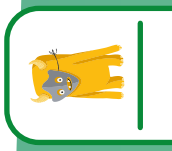
Today we bring you something very special: a Dominoes of the Malware family! Before you start having a great time, follow these instructions:

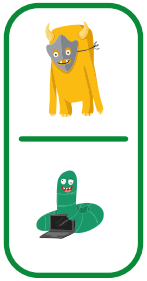
1. Print pages 11 to 16 from "Cut-outs" section. If you print them on cardboard, they will be more resistant!

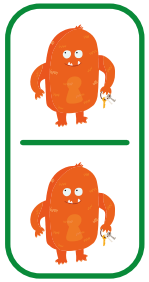
2. Cut out the cards along following the continuous lines. If you need help, ask an adult to help you.

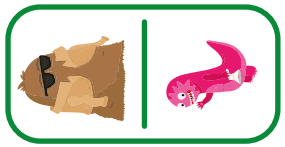
3. And finally... Have cyberfun!

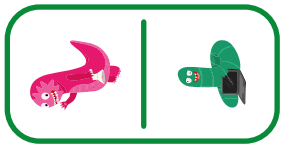












But... how do you play dominoes?

1. Place the dominoes face down on the table and shuffle them.

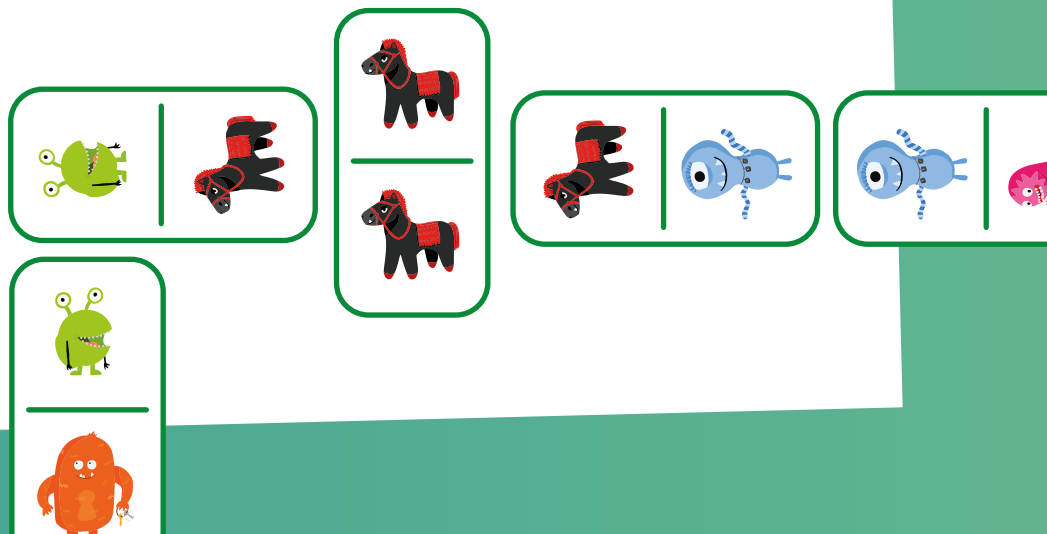
2. Each player takes 6 dominoes. The youngest player starts. Place a domino on the table.

3. The next player must place a domino that matches one of the images of the first domino. If the player does not have one, he/she must pick up dominos from the ones face down until he/she finds a matching one. When he places a domino or there are no more tiles to pick up, the player's turn passes.

4. A chain of dominoes will be formed, and you will only be able to place dominoes that match with the figures at the ends of the chain.

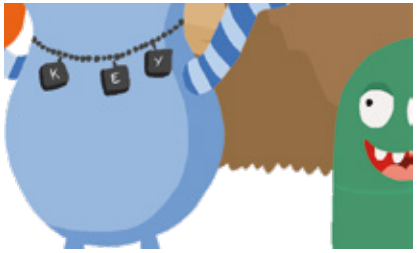
5. You can also open a new path by using double dominoes.

6. The first to run out of dominoes wins!



There is a missing piece in this family photo. Can you figure out which is it? Find the missing piece on the next page.

Do you remember that missing piece in the photo from the previous page? Find it and round it up!



The story is not over yet! There is still a very important part of the story to discover. Read it carefully.

The Malware family was having a lot of fun breaking and messing up all the computers, tablets, and smartphones they came across. In addition, they had developed a taste for collecting a lot of information, and then trying to use it.

What they didn't realize was the damage they were doing to the owners of all those devices.

But what Virus didn't know, is that as he made his decision to do his thing, in the outside world, an Antivirus came up in a lab. His mission was to look for Virus everywhere to try to stop him.

Virus and his family were very slippery. Antivirus sometimes managed to stop them, but they escaped easily over and over again. They also used to come up with something new to continue their mischief from computer to computer.

Days went by and Antivirus was very close to catching them several times, but in the end, he couldn't make it.

In addition, Malware family outnumbered him and couldn't handle them all. Antivirus needed reinforcements!

"Who could help me?" Antivirus said aloud as he was thinking.

Suddenly, the pilot light in his head lit up:

"Hmmm... The Kids, of course! I'm sure they would be excited about joining my team."

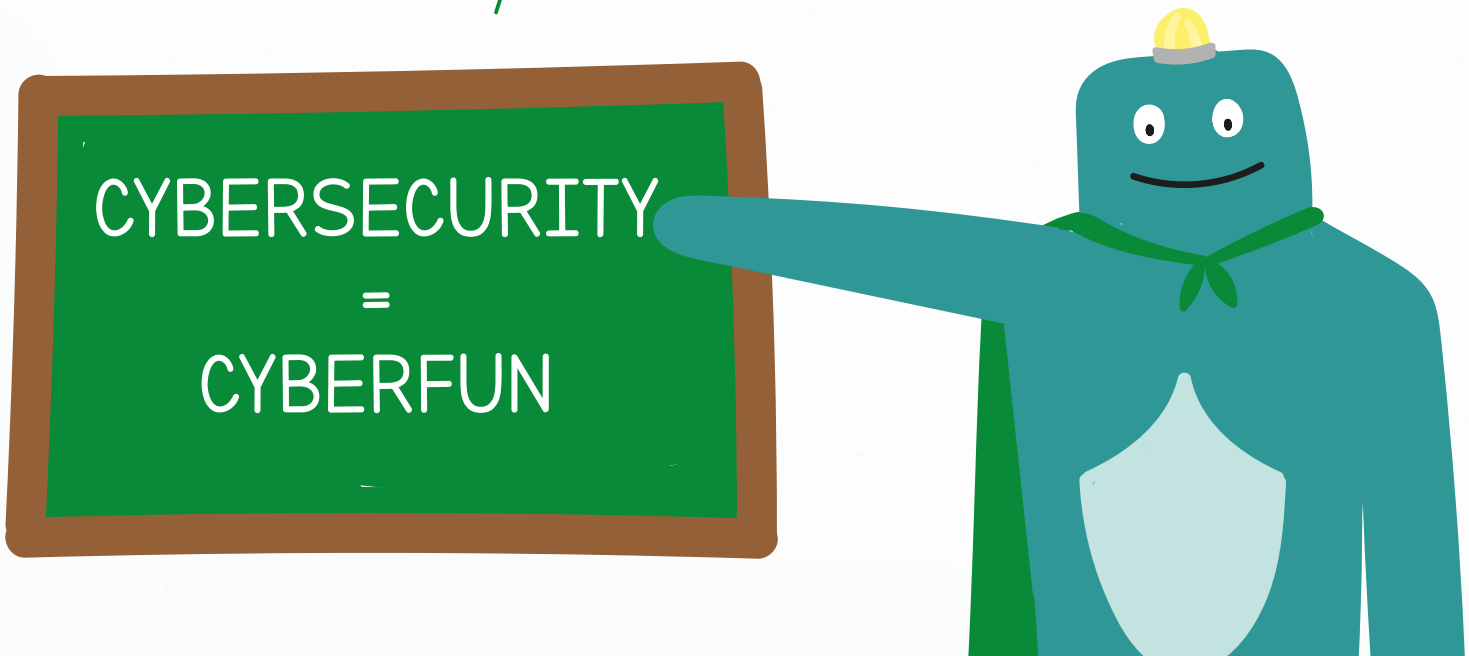
"But first we need a catchy name..." said Antivirus to himself, as he liked to talk to himself.

"How about Team Malware? No! Malware Family Detention Team? Too long... And what about Antimalware Patrol? That's it"

He had already chosen the name, now all that he needed were some members for his Patrol, and not just any members, but children who would be able to help him!

Although before that, he would have to teach them how to stop these naughty little monsters.

But that's another story...



And what about you?
Do you want to join the **Antimalware Patrol**?

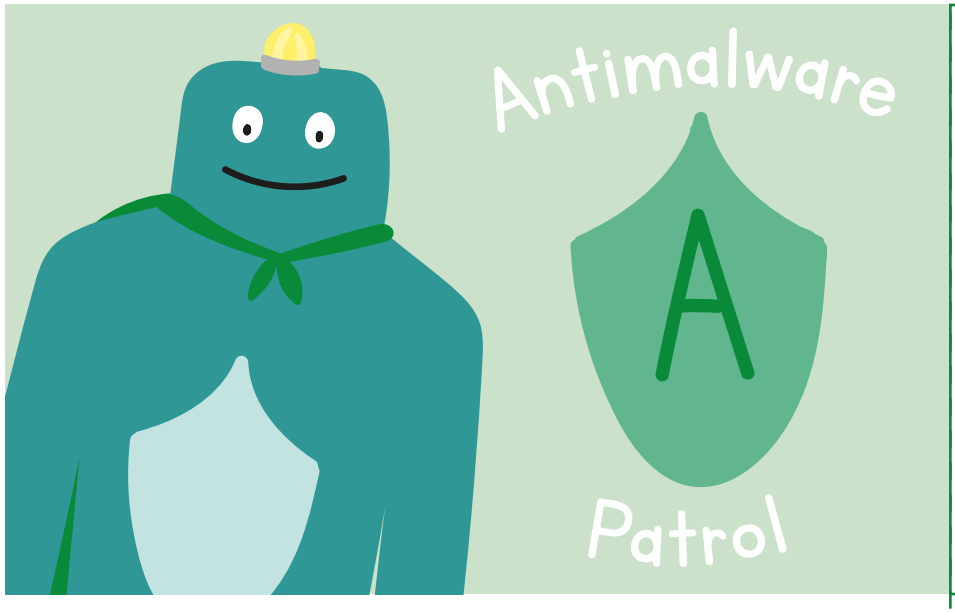
Fill in the ID card on the next page and you will become a member of the Patrol that will help Antivirus to stop the Malware Family.

Always take it with you! You never know when the Malware Family will attack again.

If you want, and always with an adult's permission, upload a picture of your ID to social networks with the hashtag #TheCyberactiveSubstance, so you can check how many new members are joining the Antimalware Patrol!

Fill in, cut, fold, and paste your ID card.

Fold along the dashed line and then stick both back sides together.



Cut out

Antimalware Patrol

Paste your photo

Name: ----------

Surname: ----------

Birth date: ----------

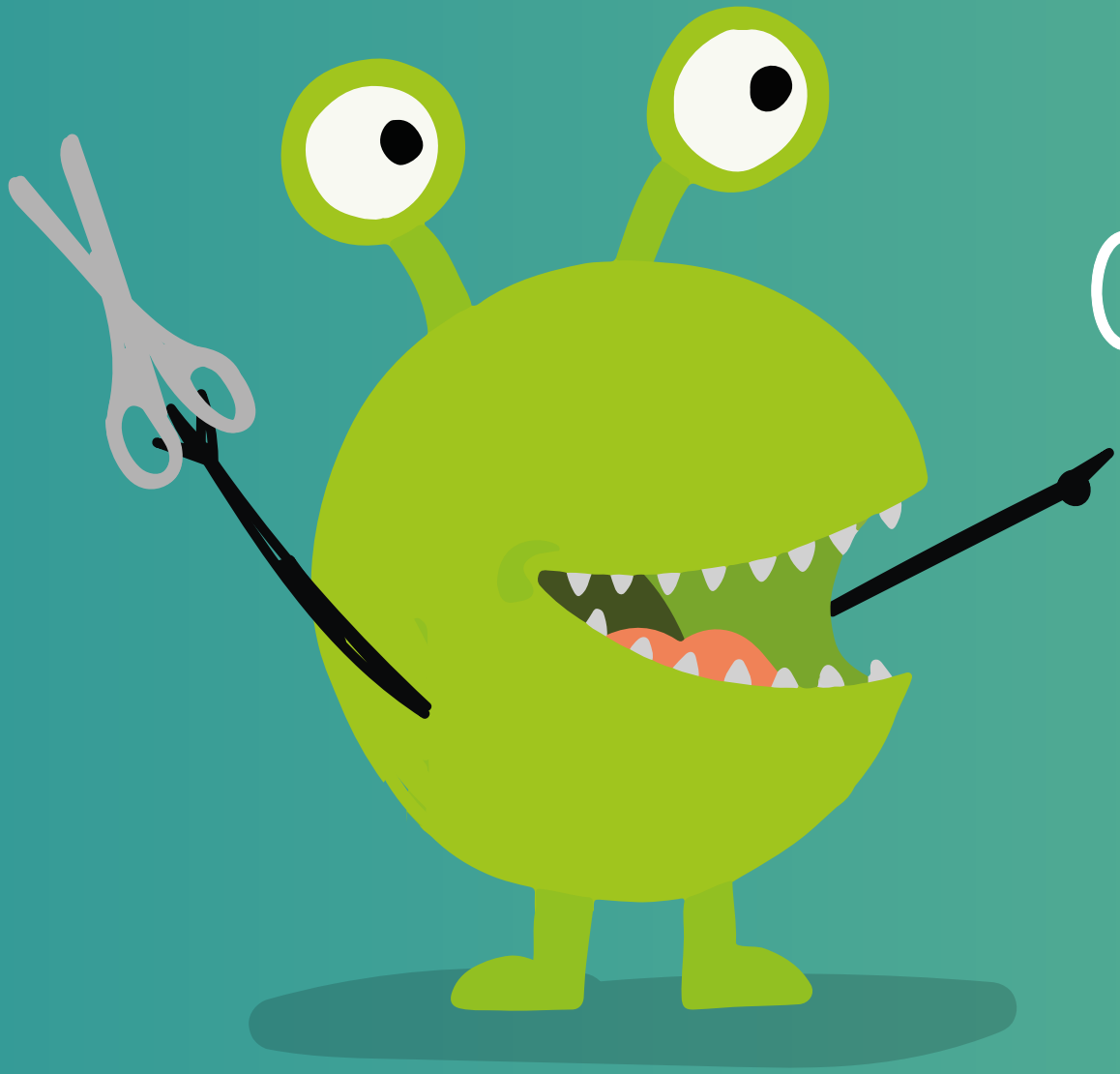
Registration date: ----------

Devices I use: ☐ Phone ☐ Tablet ☐ Laptop ☐ Computer

Tip: If you want your ID card to last longer, we recommend that you print it on cardboard or thick paper and/or laminate it.

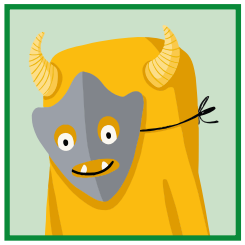
Welcome to the **Antimalware Patrol**!

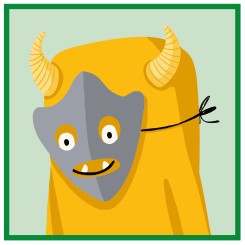
Next you will find the solutions to the activities and all the "Cut-outs" section.

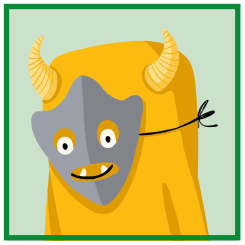


Cut-outs

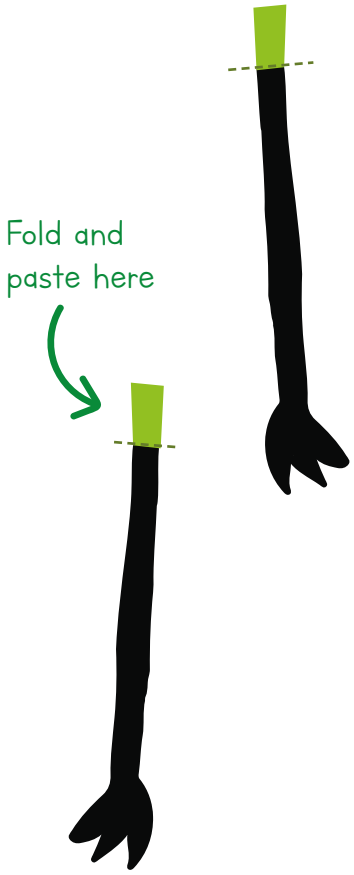
Cut out these missing Sudoku blocks and glue them in their right place.



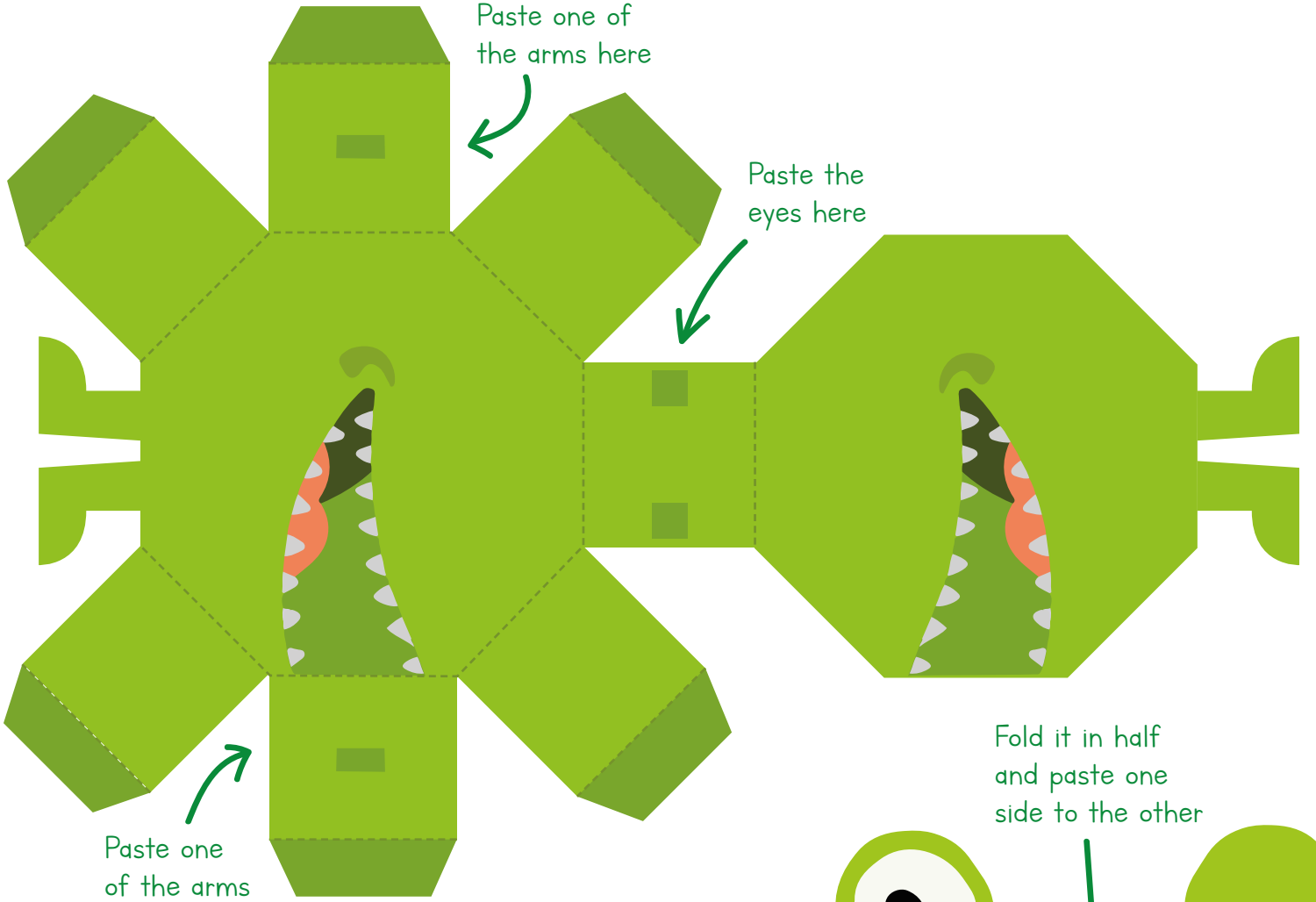




Virus



Fold and paste here

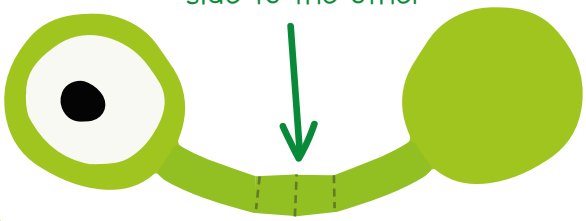


Paste one of the arms here

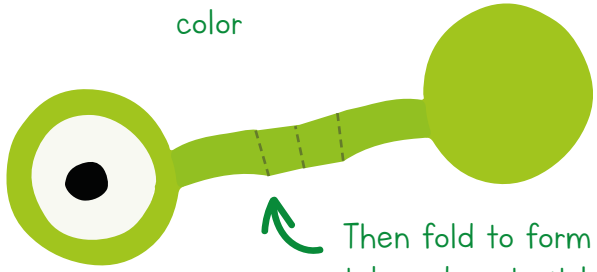
Paste the eyes here

Paste one of the arms here

Stick the tabs with this same color

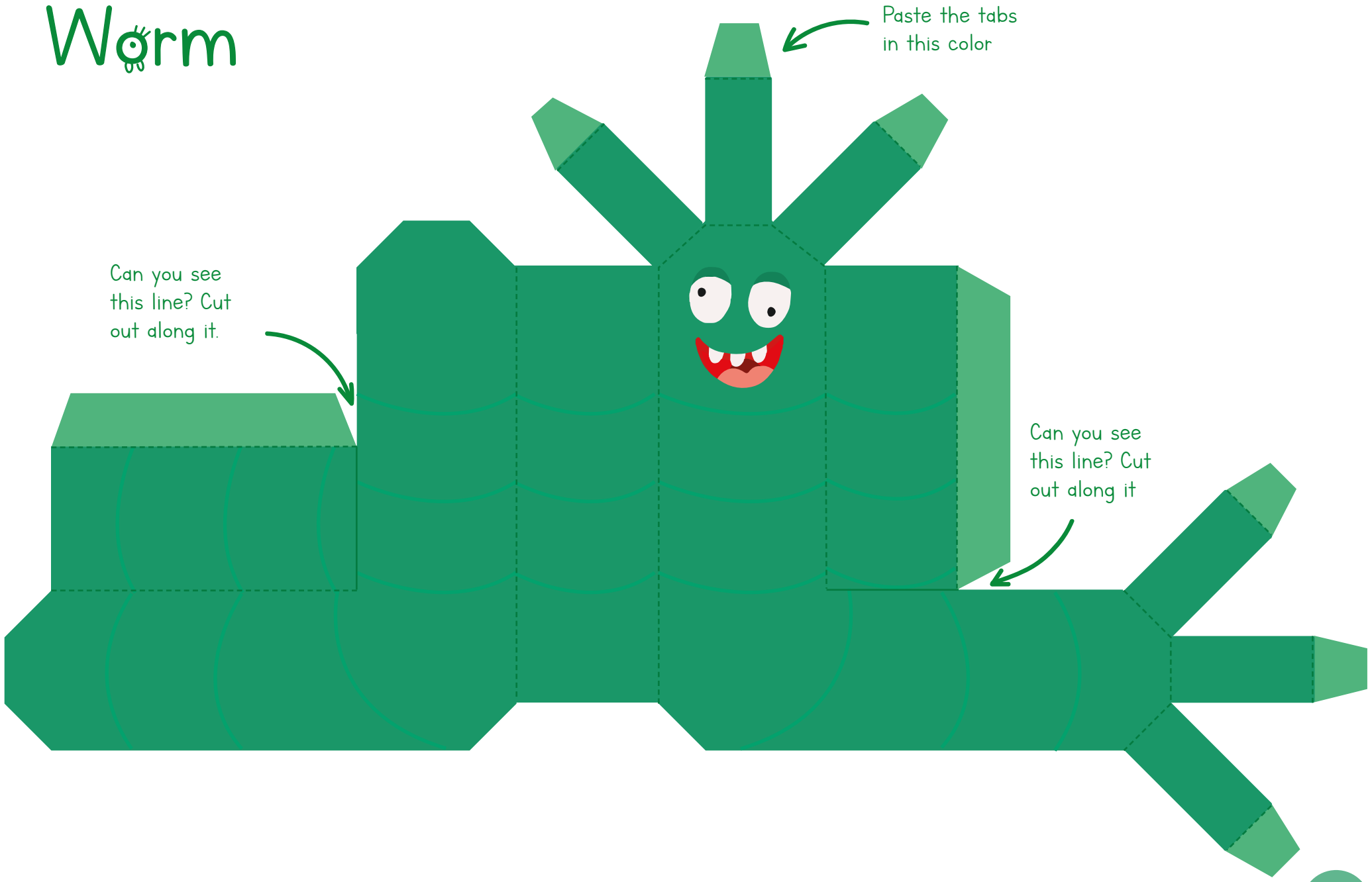


Fold it in half and paste one side to the other

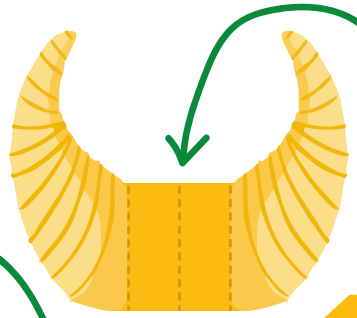


Then fold to form a tab and paste it here

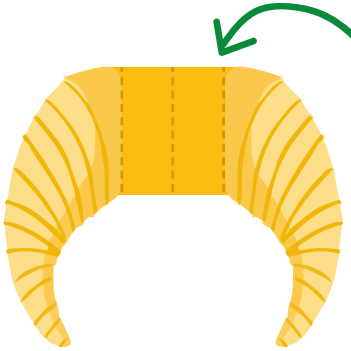
Worm


Paste the tabs in this color
Can you see this line? Cut out along it.
Can you see this line? Cut out along it

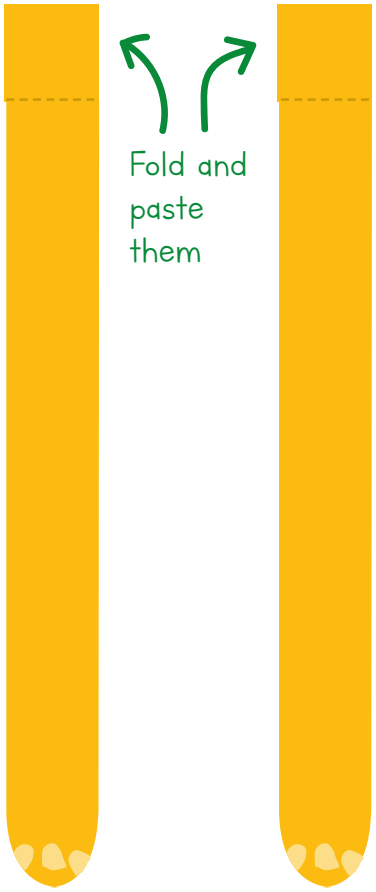
Rogue



Fold them in half and paste one side to the other



Then fold to form a tab and paste them here

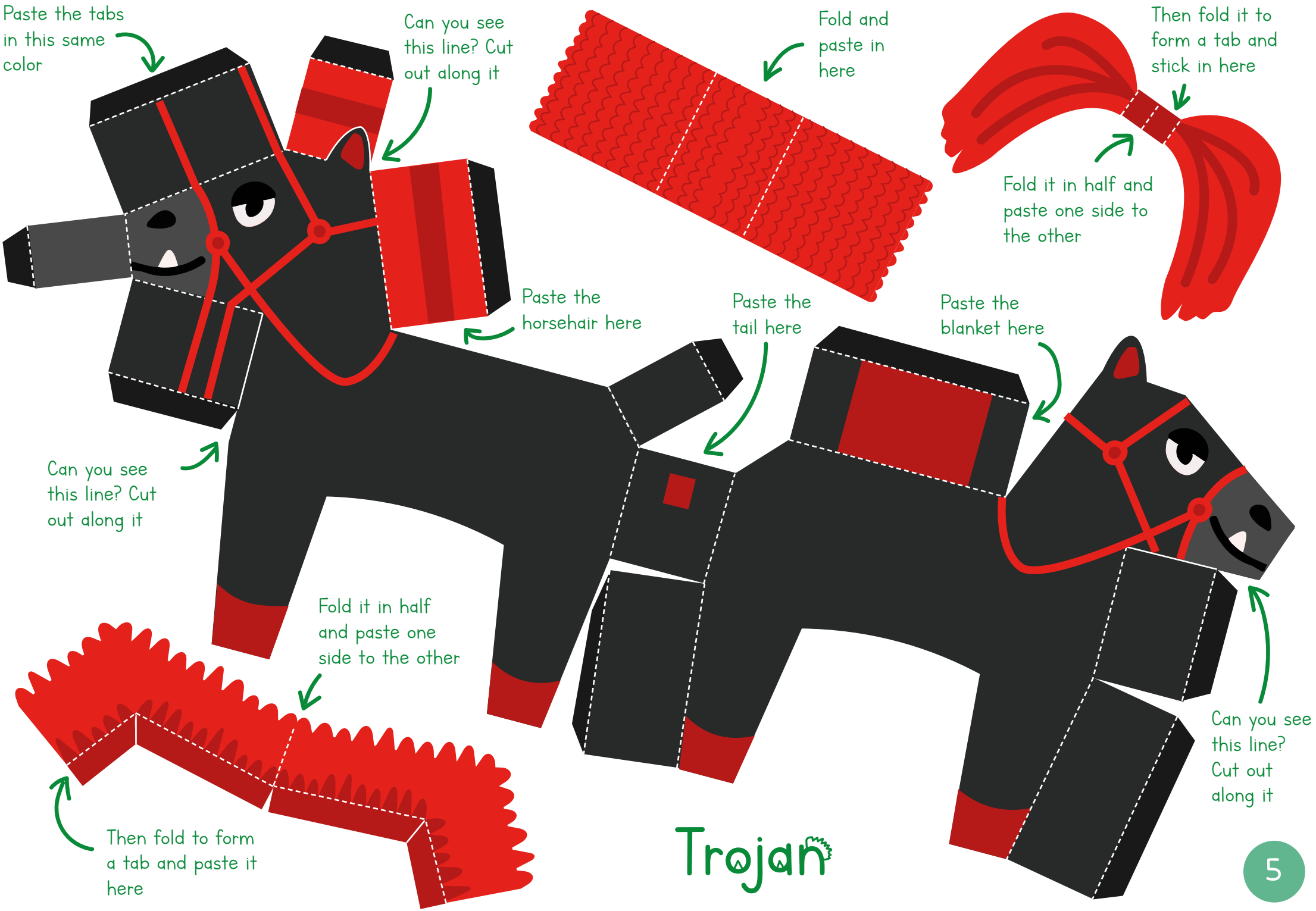


Fold and paste them

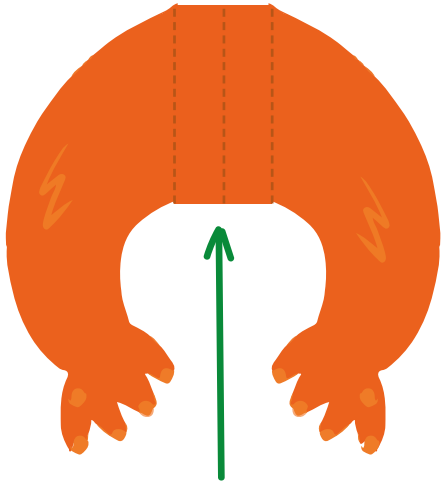
Paste the tabs in this same color

Paste the horns here

Paste the arms here

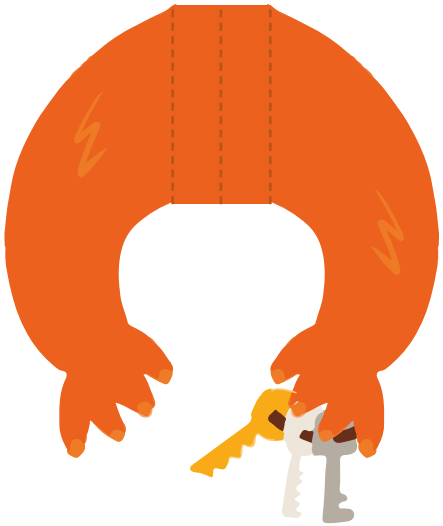

Paste the tabs in this same color
Can you see this line? Cut out along it
Fold and paste in here
Then fold it to form a tab and stick in here
Fold it in half and paste one side to the other
Paste the horsehair here
Paste the tail here
Paste the blanket here
Can you see this line? Cut out along it
Fold it in half and paste one side to the other
Then fold to form a tab and paste it here
Can you see this line? Cut out along it
Trojan

Ransomware



Fold them in half and paste one side to the other

Then fold to form a tab and paste in here



Paste the tabs in this same color

Fold forward here

Paste the arms here

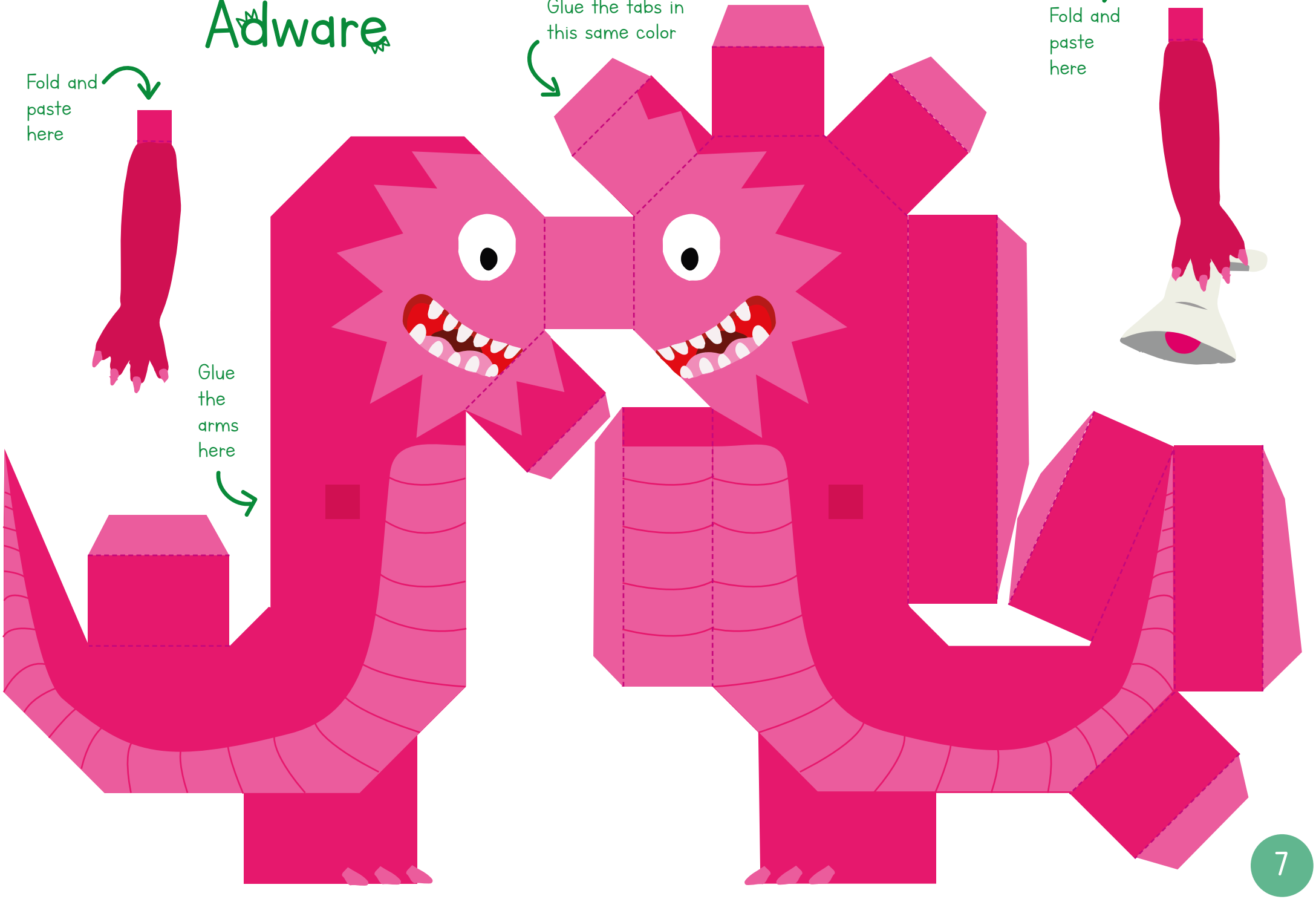
Adware

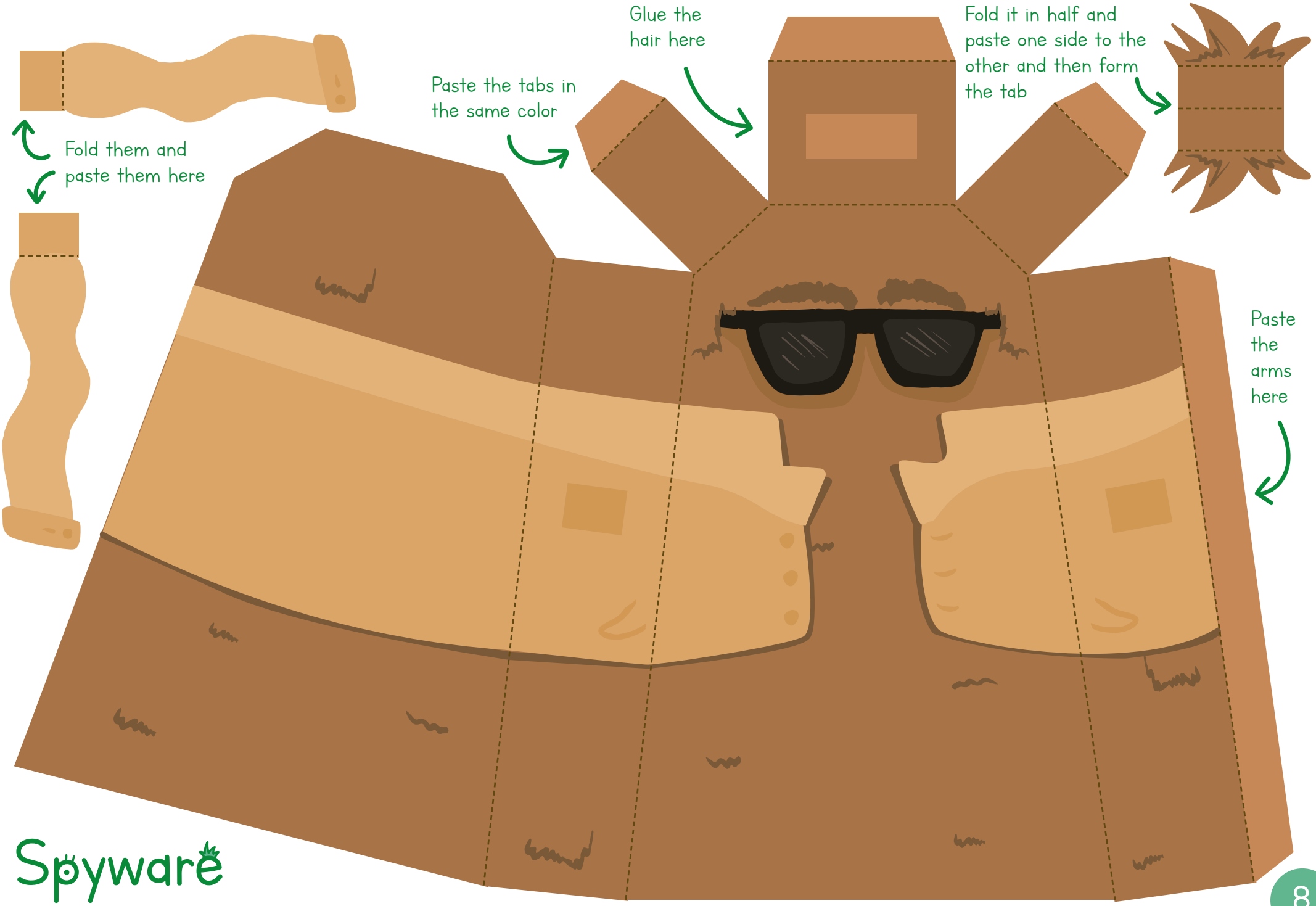
Fold and paste here

Glue the tabs in this same color

Fold and paste here

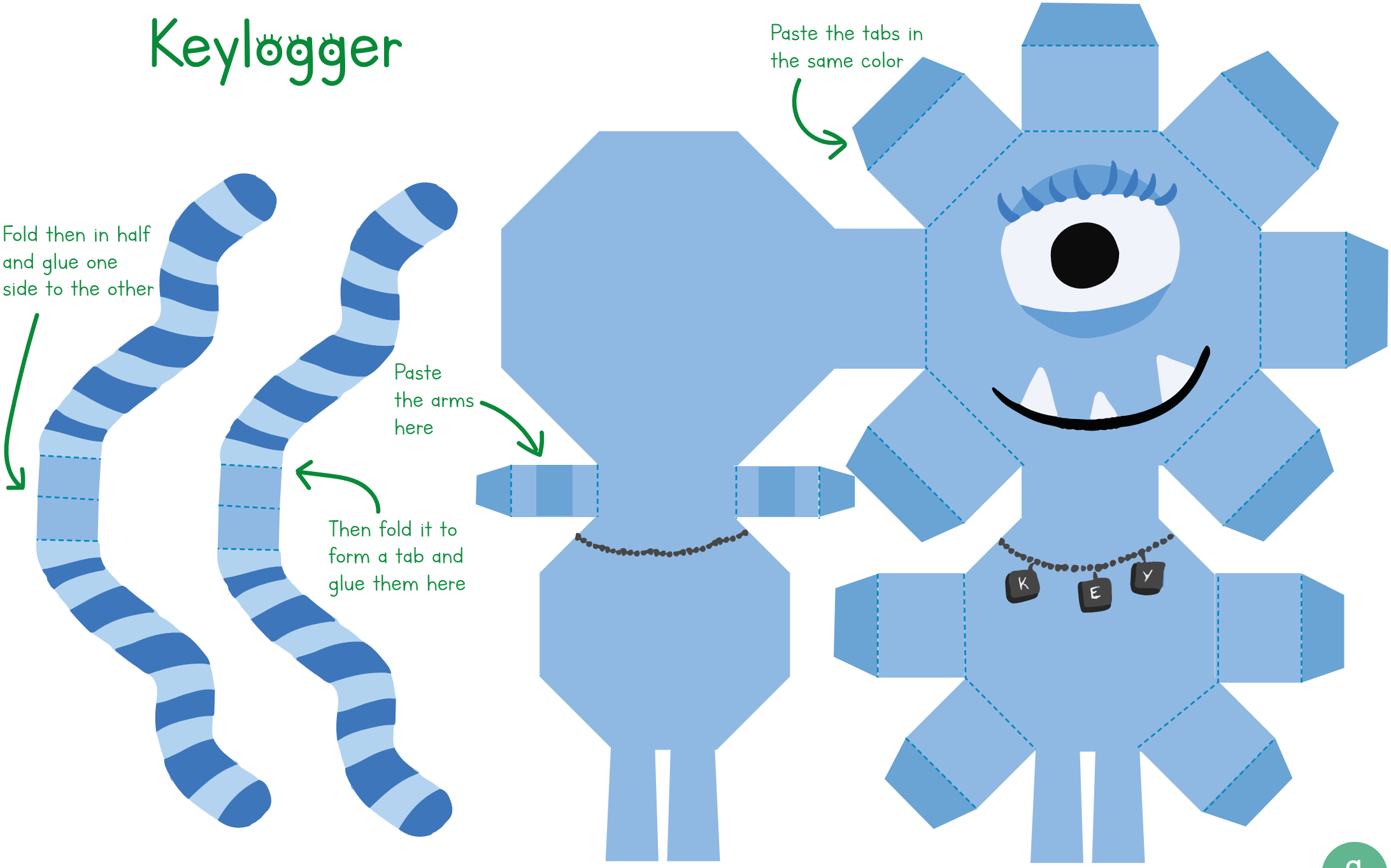
Glue the arms here



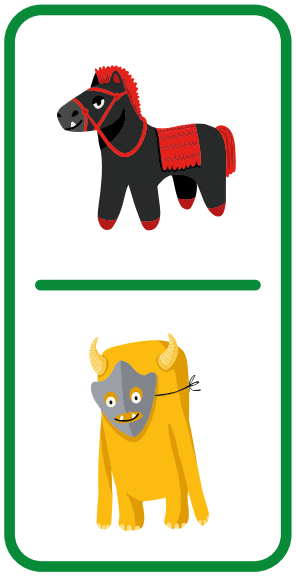
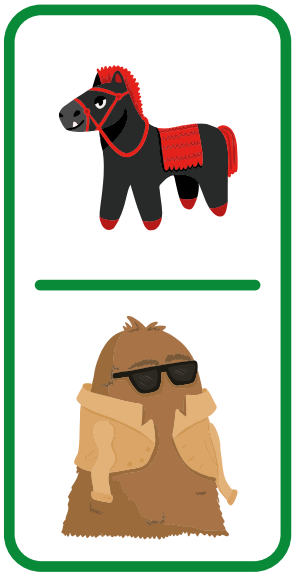
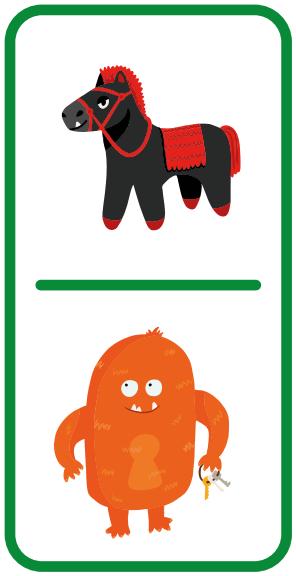
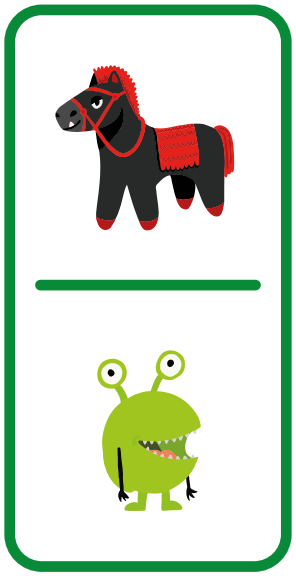
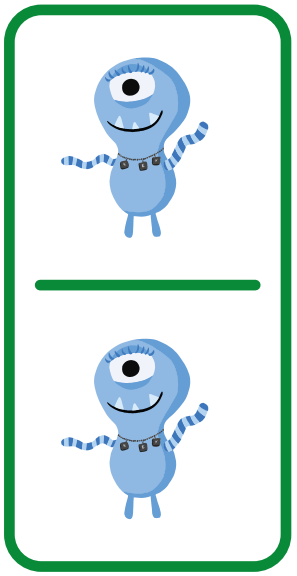
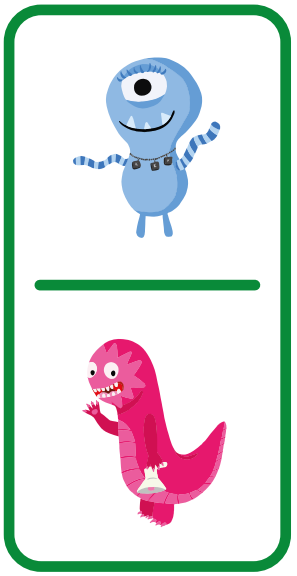
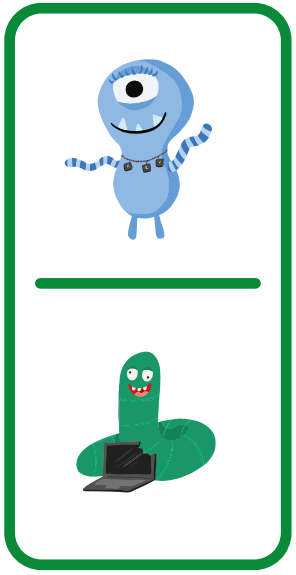
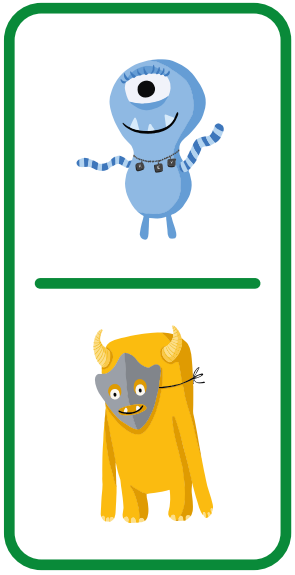
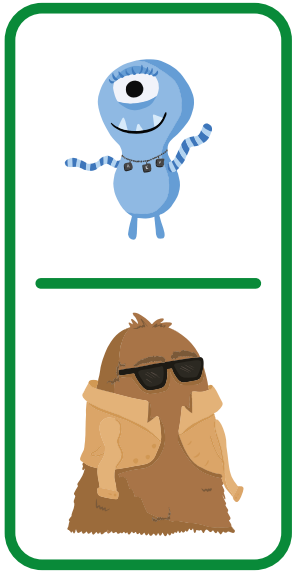
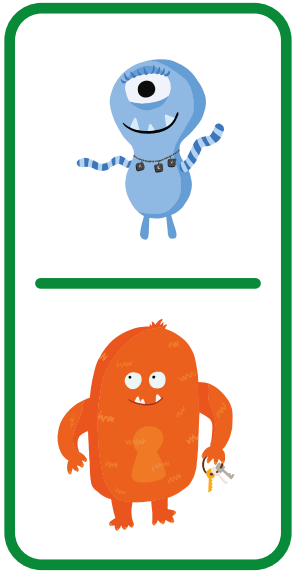
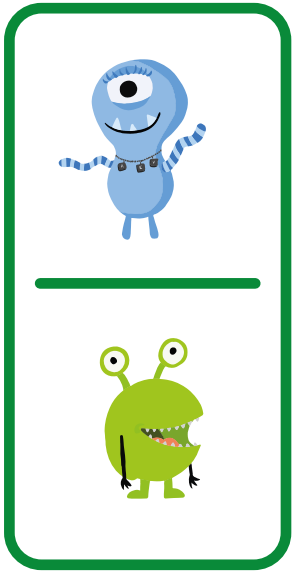
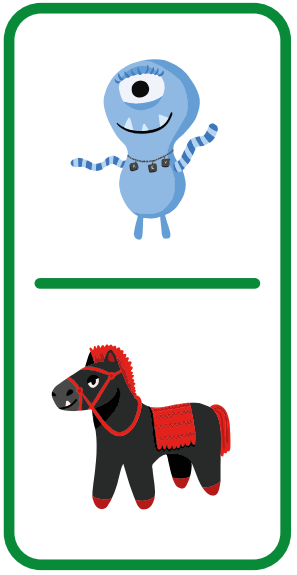

Glue the hair here
Fold it in half and paste one side to the other and then form the tab
Paste the tabs in the same color
Fold them and paste them here
Paste the arms here

Spyware

Keylogger


Paste the tabs in the same color
Fold then in half and glue one side to the other
Paste the arms here
Then fold it to form a tab and glue them here
K
E
Y

Cut out the cards to complete the series on the previous page, but be careful, there are too many!

Stars work as wild cards! Use them as if they were any monster.

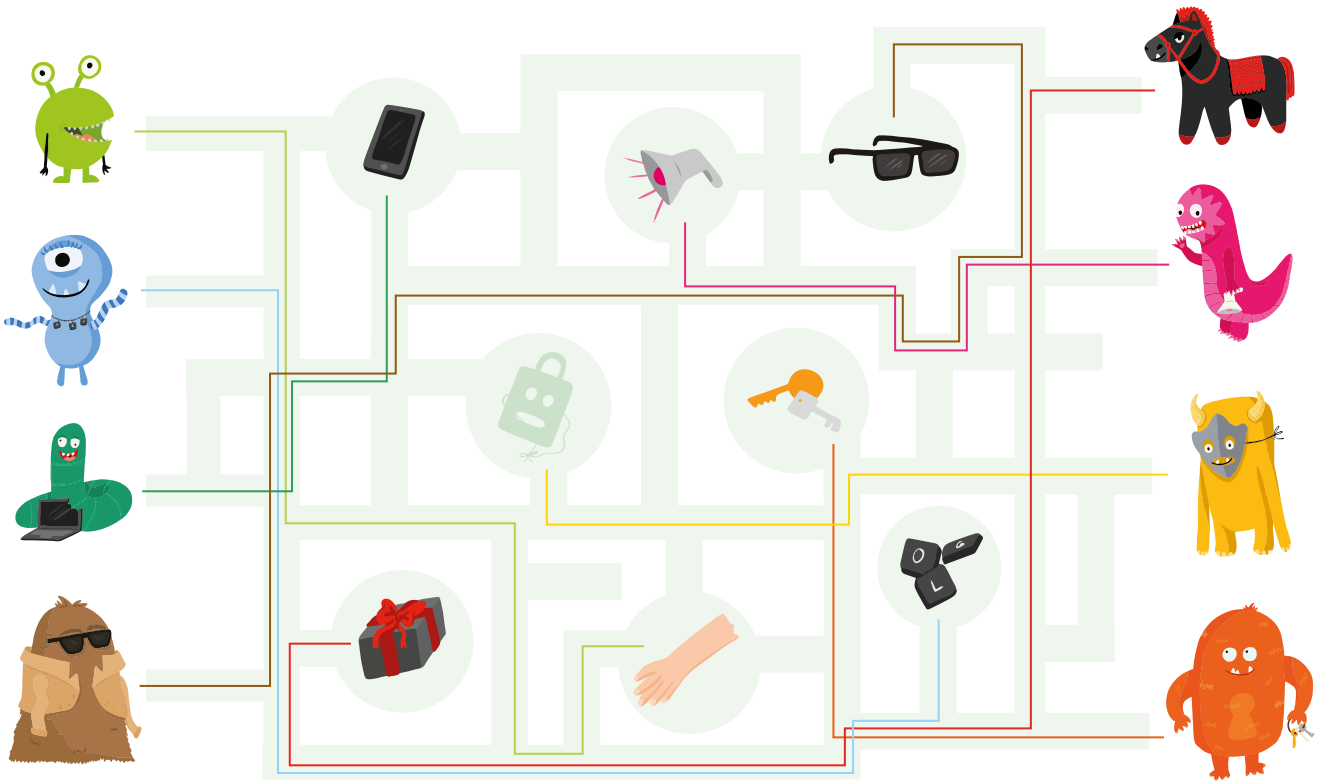
Solutions

Word search

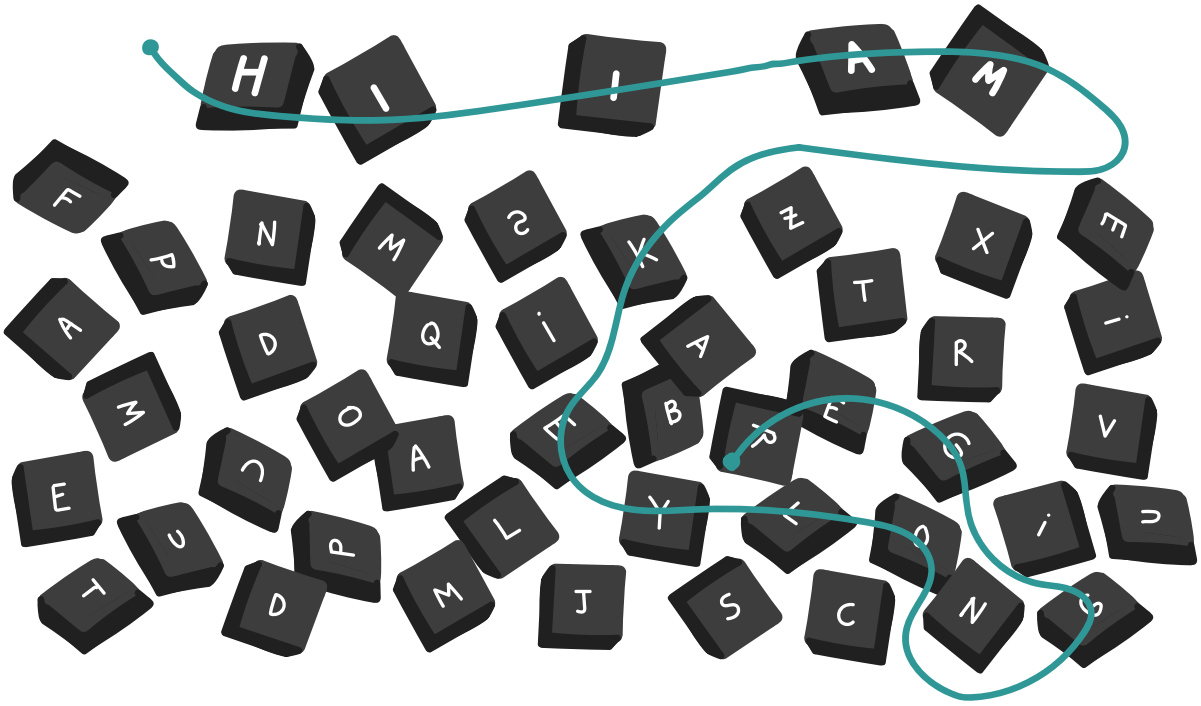
A K O B J A L M S D D R T
T E C O T R O J A N O G Z
L Y O Q E A U R S G G D W
A L I O R A L M U D U K X
E O L Q A O D E S A S L A
A G O I W A L M B D A V D
N G W L Y A F X D S N I F
O E O H P A L J S W O R M
M R A N S O M W A R E U D
Q U O Q W A D W A R E S J

Maze

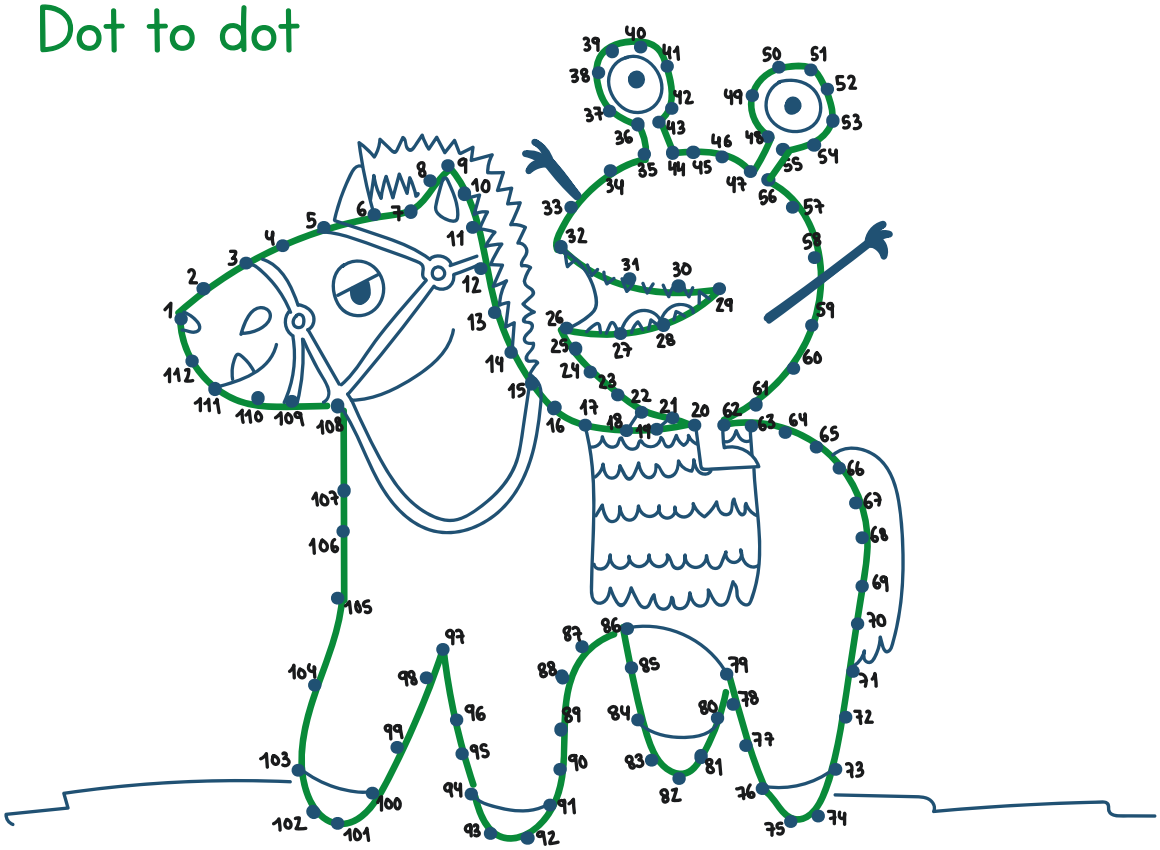
There could be more than one right path!



Keylogger's keys

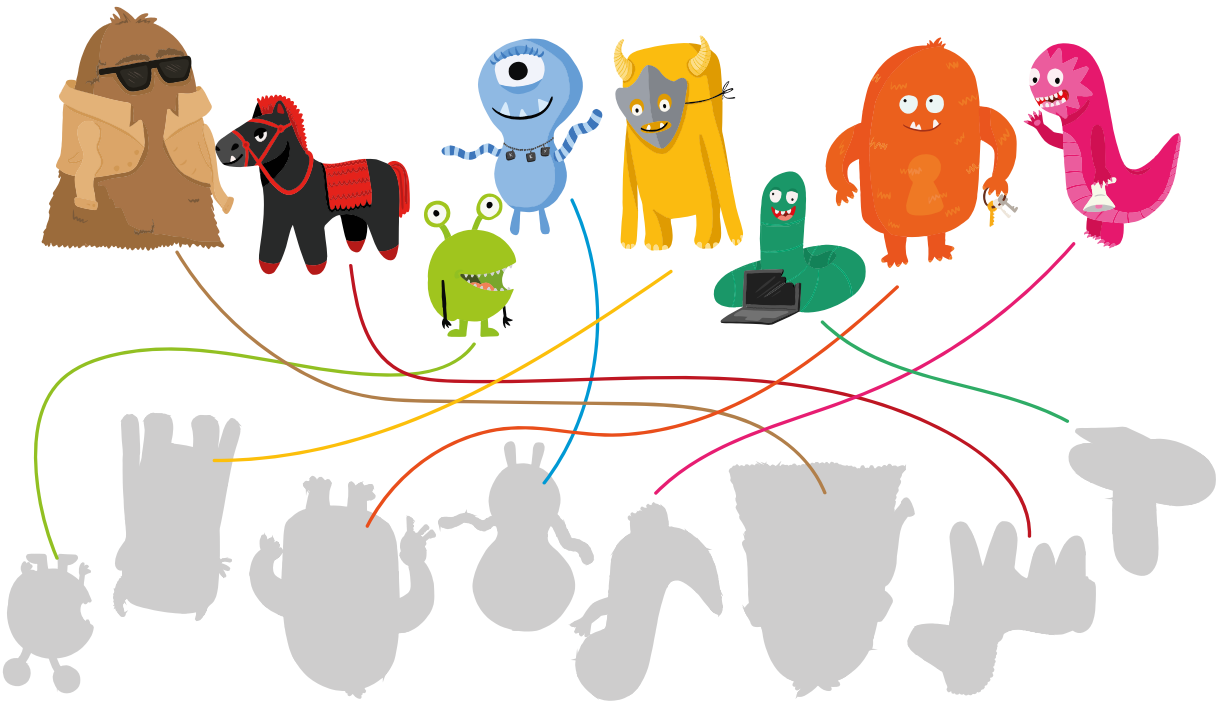


Dot to dot

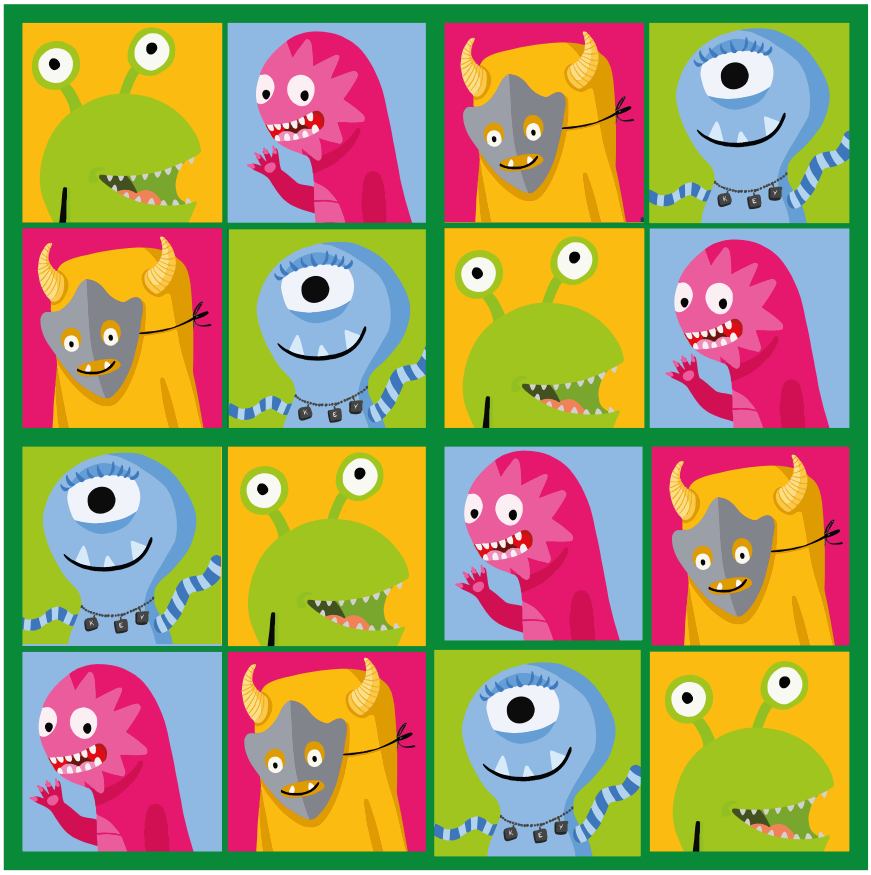


Series

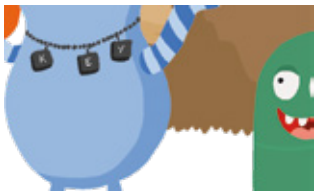
Match the shadows



Sudoku



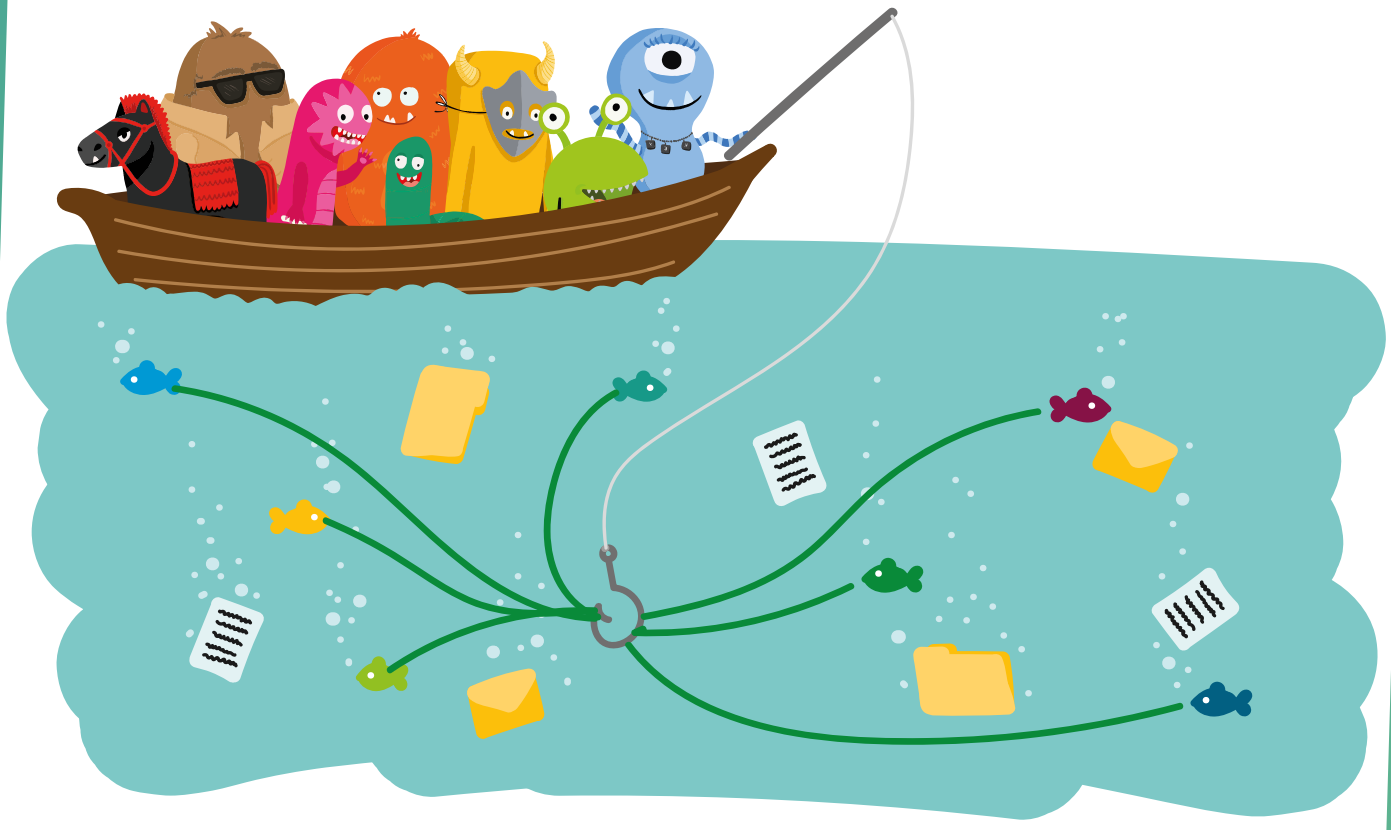
The missing piece



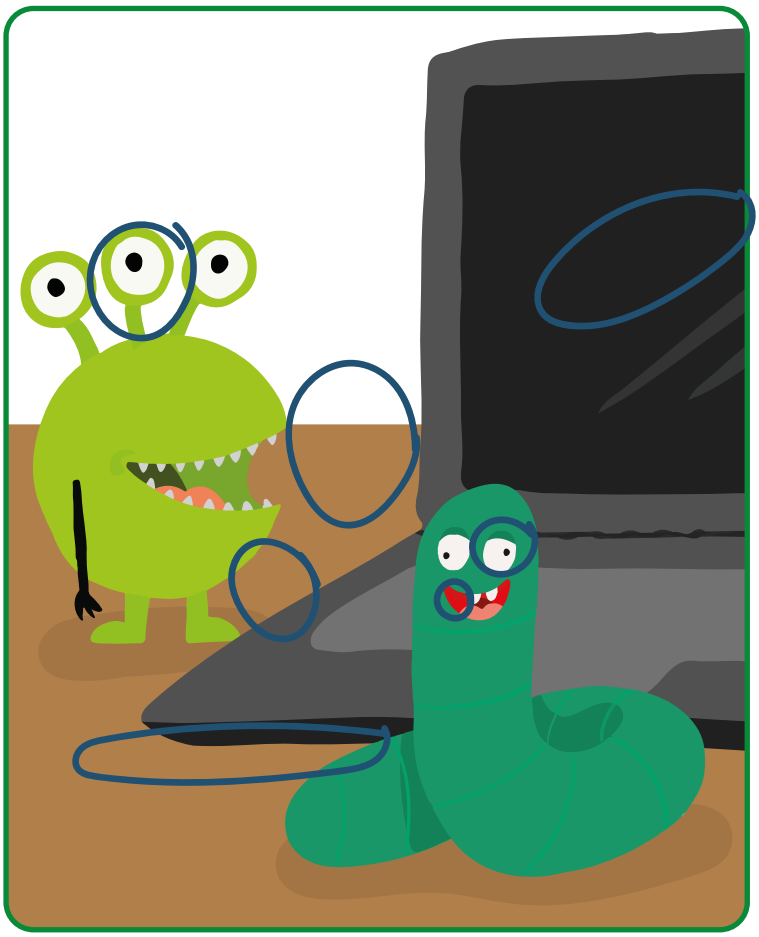
Secret message

→ HI I AM SPYWARE
WE ARE ALREADY
6 MEMBERS IN
THE FAMILY AND
I AM VERY HAPPY

Malware family goes fishing



Spot the differences



Story 1

Question 1:

Question 2:

Question 3:

In a lab

A computer

Worn

Story 2

Question 1:

Question 2:

Question 3:

Trojan and Keylogger

In flash drives

Opening doors

Story 3

Question 1:

Question 2:

Question 3:

Toasts

A megaphone

He eavesdrops

Story 4

Question 1:

Question 2:

Question 3:

Ransomware and Rogue

People's personal information

Antivirus

See you soon!

The cyberactive substance