

CYBER TROUBLE



Printing: one-sided
Scale: actual size (100 %)

Number of players: 2 and above
Age of players: 6–99 years

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THE WELL

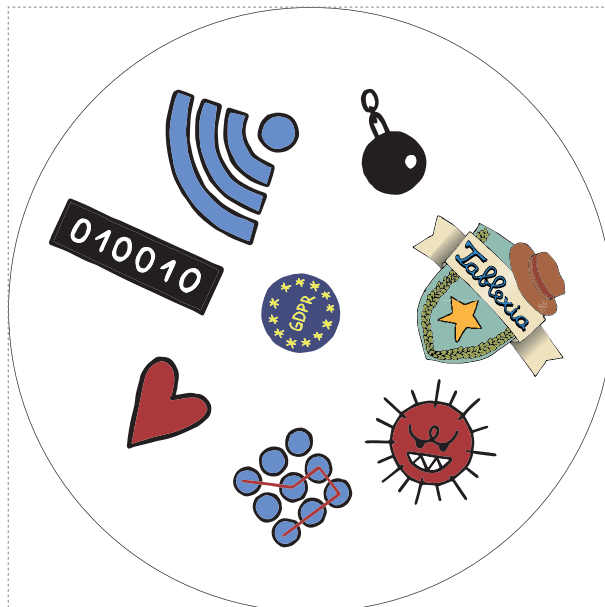
MINI-GAME #1

Set-up: deal all the cards, one at a time, to all players, starting with the player who won the last mini-game. Place the last card in the middle of the table, face-up. Each player shuffles his or her cards and makes a draw pile placed before him or her, face down.

Object of the game: to be the fastest to get rid of all your cards – make sure you're not the last!

How to play?: On go, the players flip their draw pile face-up. Players must be faster than the others to discard the cards from their draw pile by placing them on the card in the middle. To do that, they have to name the identical symbol between the top card of their draw pile and the card in the middle. As the middle card changes as soon as a player places one of his or her cards on top of it, players must be quick.

The winner: The last player to get rid of his or her cards loses the game.



THE HOT POTATO

MINI-GAME #2

(played over multiple rounds)

Set-up: on each round, give each player a card he or she will keep hidden in their hand without looking at it. Set the remaining cards aside, they will be used for the subsequent rounds.

Object of the game: to be faster than the other players to get rid of your card.

How to play?: On go the players reveal their cards while making sure that all the symbols are clearly visible (the best way is to hold the card in your open hand, like in the image). As soon as a player finds the identical symbol between his card and an opponent's card, the player names it and places his or her card on the opponent's card. That opponent must now find the identical symbol between this new card and those of the remaining players. If that player manages to do so, all of his or her cards are given at once.

The loser: The last player, who ends up with all the cards, loses the round and places them on the table near himself or herself. The players start as many new rounds as they want (minimum of 5). When there are no more cards to hand out, the mini-game stops and the losing player is whoever has gained the most cards.



THE POISONED GIFT

MINI-GAME #3

Set-up: shuffle the cards, place one face-down in front of each player and make a draw pile with the remaining cards, which will be placed face-up in the middle of the table.

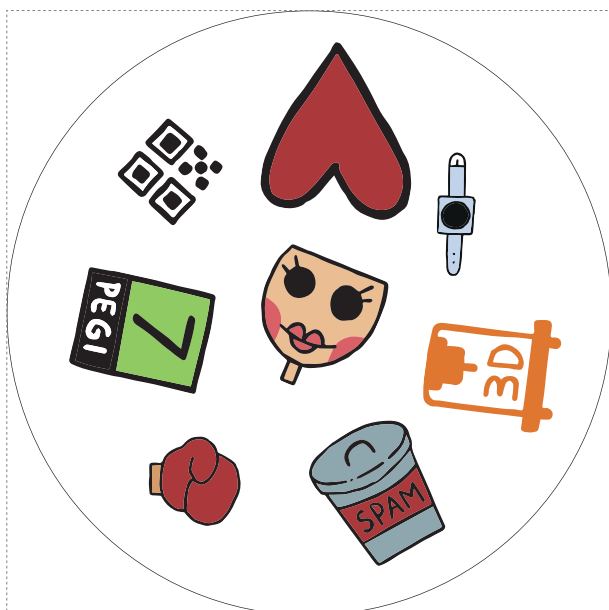
Object of the game: to be the player who has gained the fewest cards from the draw pile when the game ends.

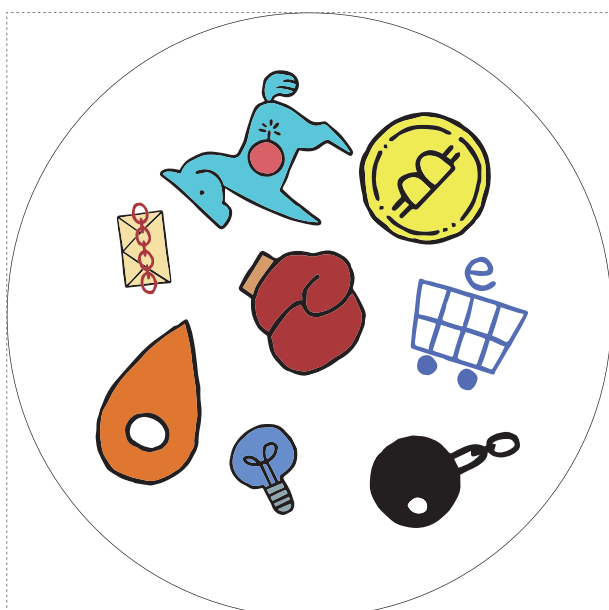
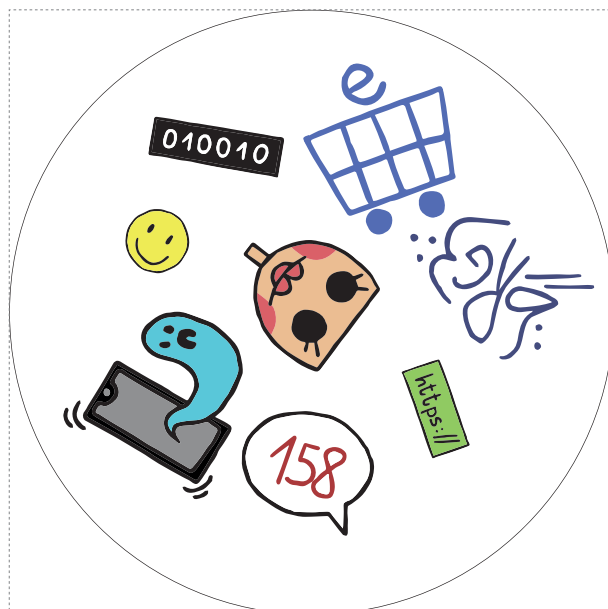
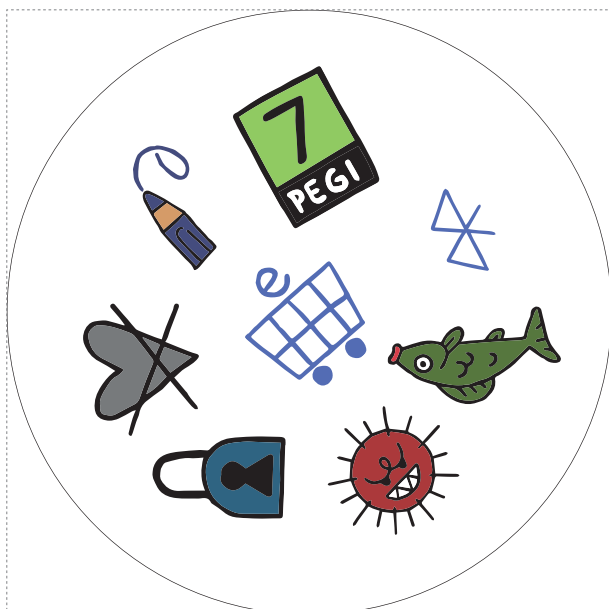
How to play?: On go, the players flip their card face-up. Each player must spot the identical symbol between the card of any other player and the card from the draw pile. The first player to find an identical symbol names it, draws the middle card and places it on top of the concerned player's card. By taking this card, a new card is revealed. The mini-game continues until all the cards from the draw pile have been gained.

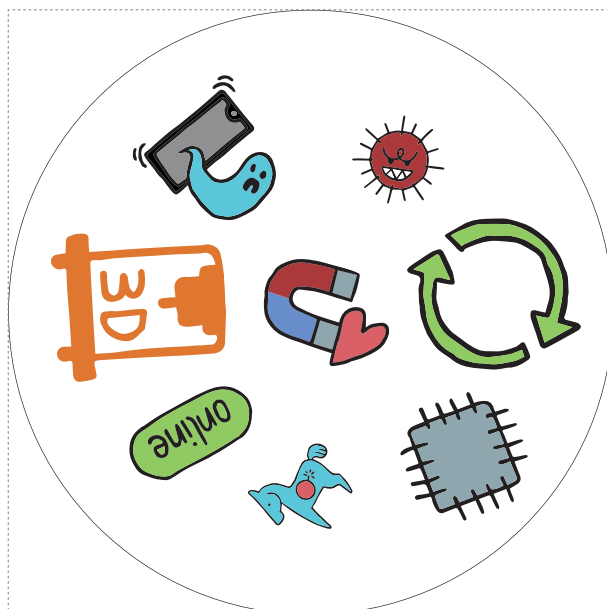
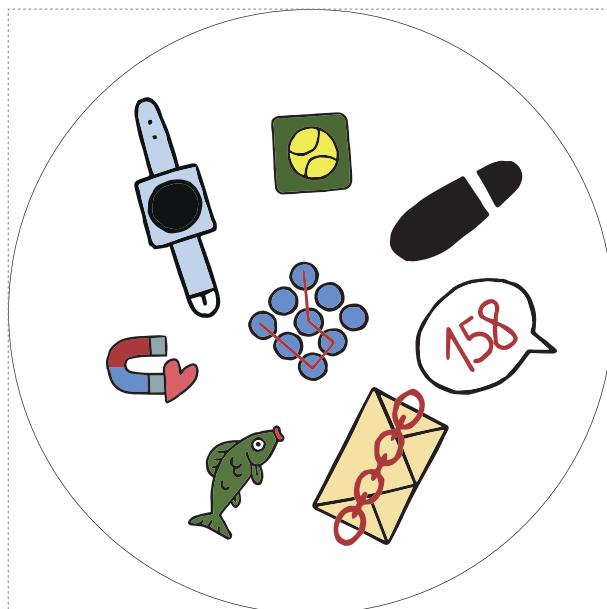
The winner: the mini-game ends as soon as all the cards from the draw pile have been gained. The winner is the player with the fewest cards.

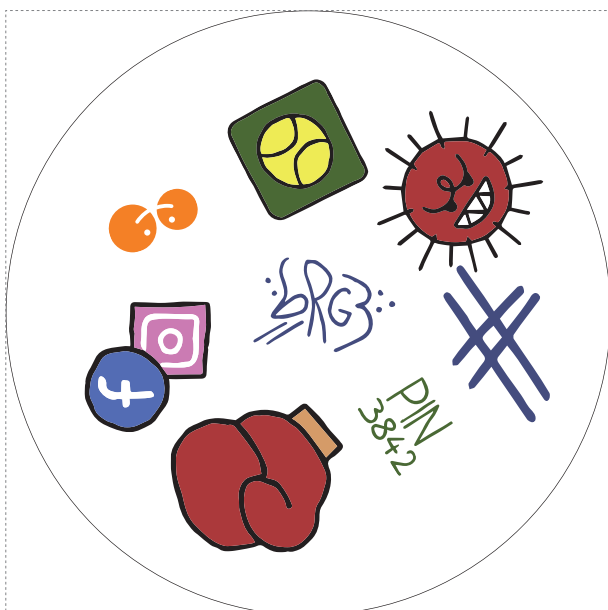


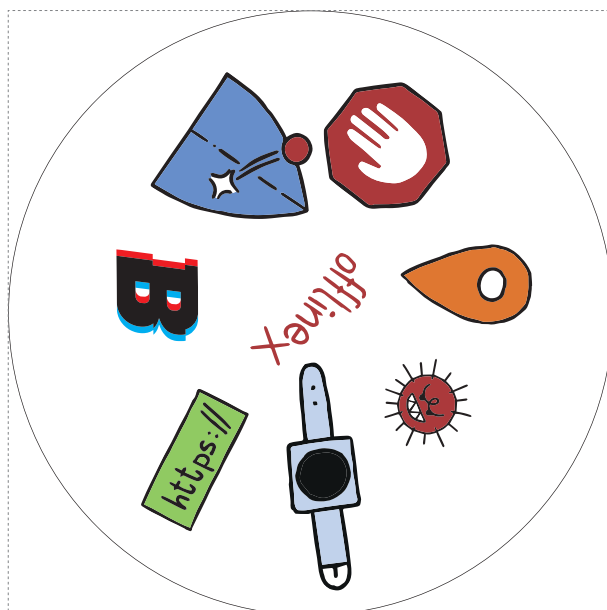
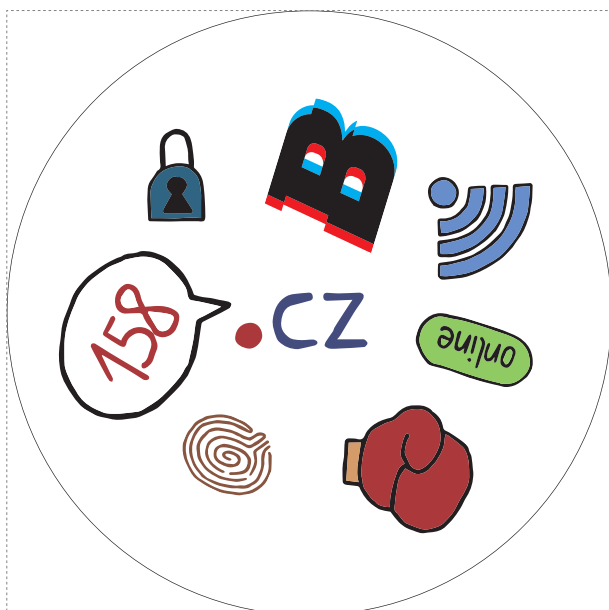
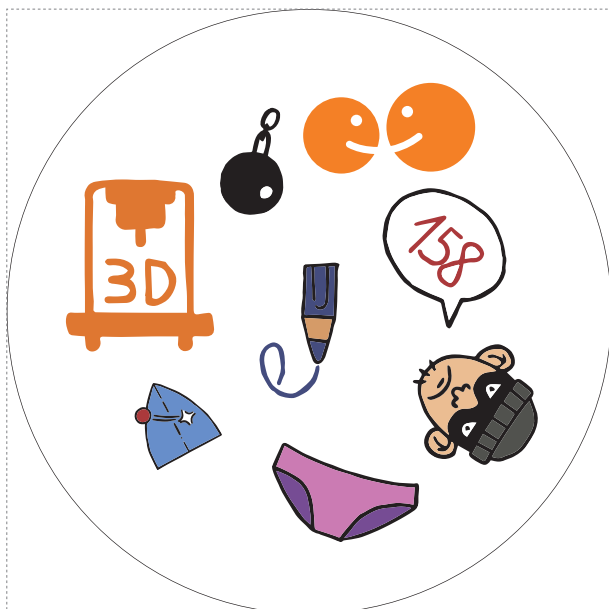


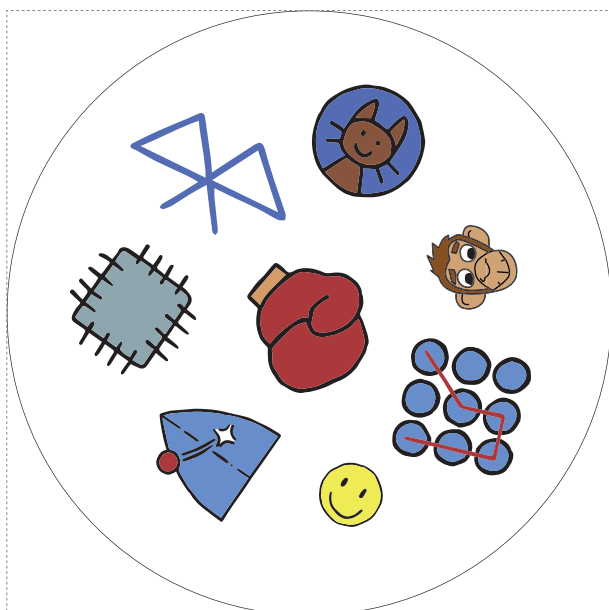
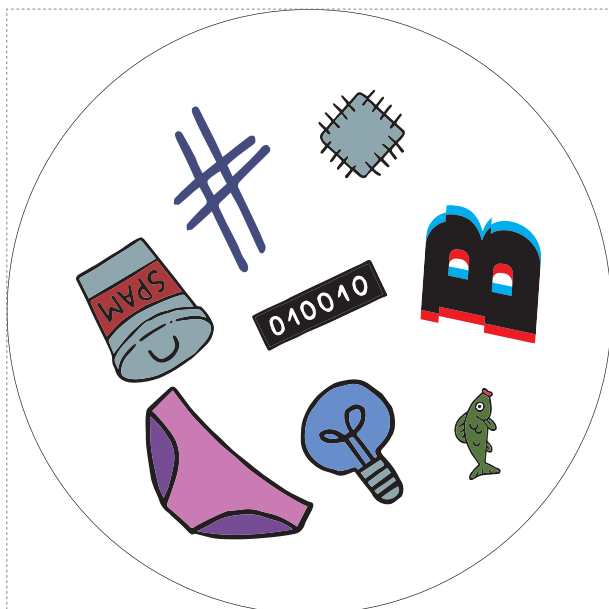


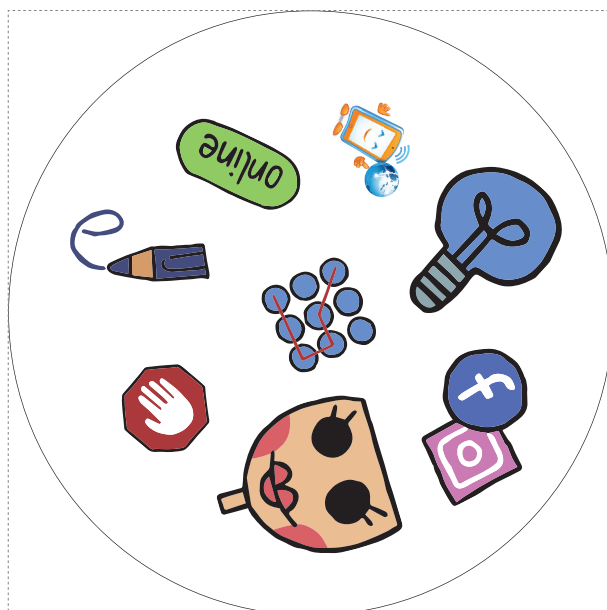
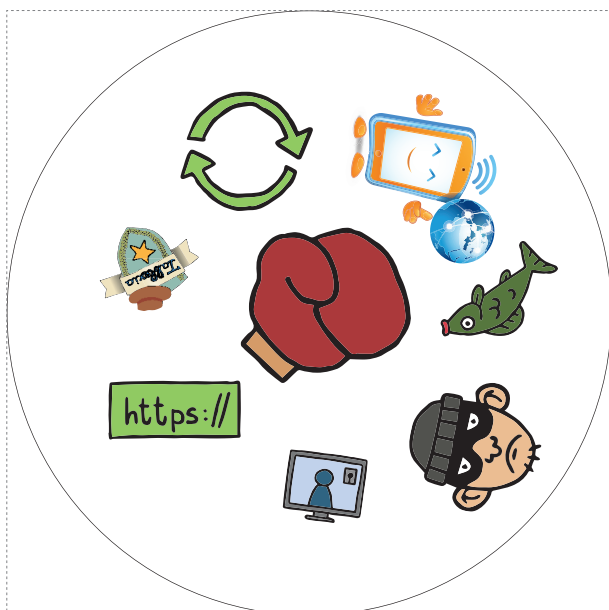
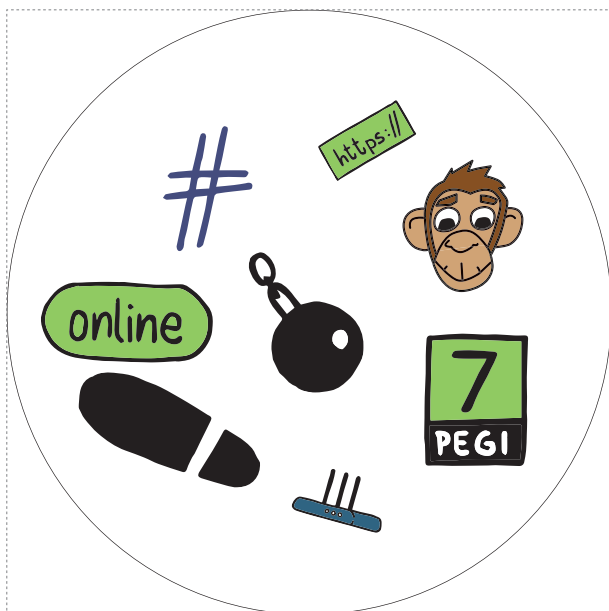


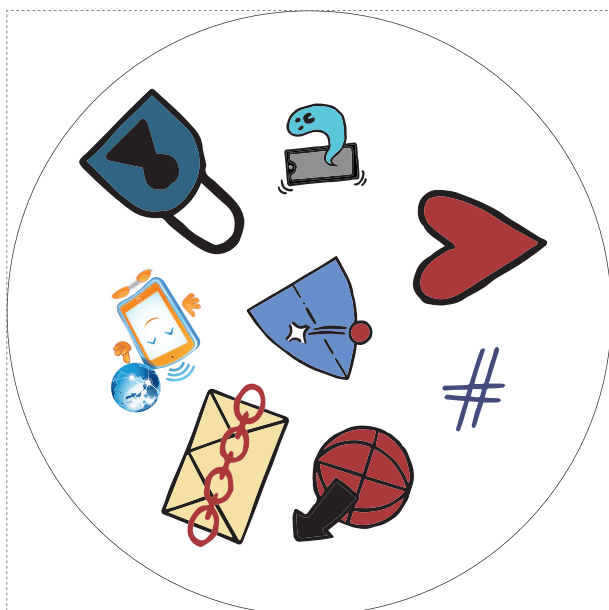
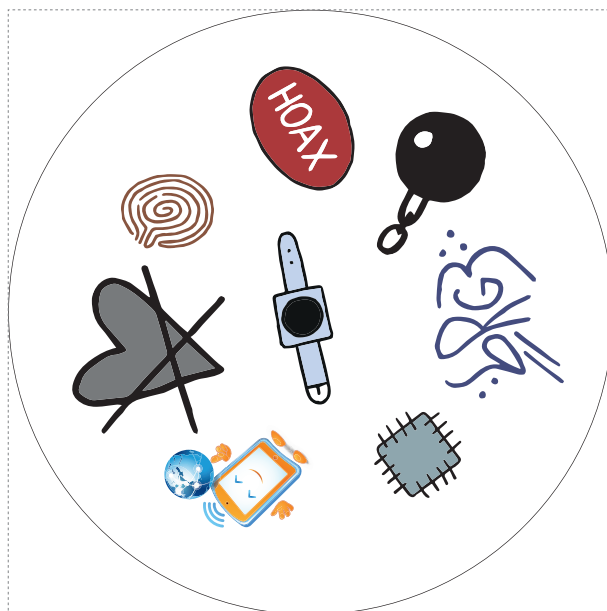
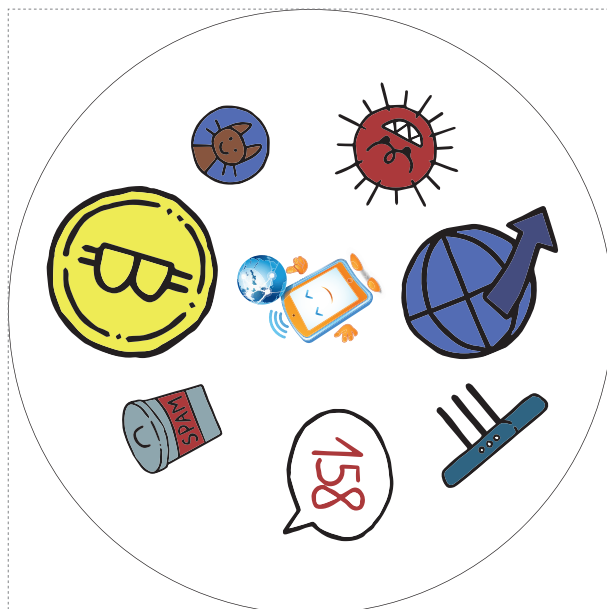














3D print

3D printers can make real three-dimensional objects from a digital template (3D model). The product is made by gradual application of layers of material on top of each other, either by melting or sintering. 3D printers are more and more used in households thanks to their low initial costs. Their owners may easily print e.g. a flowerpot, a missing pawn for a board game or a Christmas decoration.



Addiction

We can be addicted also to the so-called virtual drugs – social networks, instant messengers, viral videos, computer games, and the like. This type of addiction is called netolism. Excessive use of internet harms mental and physical wellbeing and social relationships, which can cause trouble at school or at work. It can thus lead to financial loss.



Antivirus

Antivirus is a programme that protects our devices such as a computer, a tablet or a smartphone from viruses (malicious programmes). When we buy these devices, we should install an antivirus immediately and regularly update it. In case of an insidious virus attacking our mobile phone, the programme notifies us and tries to disable the virus.



Application

Nowadays there are applications (apps) for everything – to communicate with our friends, to play games, to watch sporting events, etc. Before we download an app into our mobile phone, we should look at its reviews on Google Play or on AppStore, to not install a programme in which other users found errors and security threats. Further we should check its number of downloads and its age ratings (PEGI).



Avatar

Avatar is either a virtual character in a game or a profile picture on social networks and discussion forums. We recommend to choose a photo of e.g. your pet or to use one of the programmes that transform a real photo into an animated picture, in which your real looks are not recognizable. Never use a photo in a swimsuit or in a provocative stance as your profile photo.

01001010

Binary code

Binary code consists of a line of ones and zeros. Computers and similar devices need all the commands and data entered in a binary form. We use programming languages that rewrite commands, texts, pictures and sound into machine code in the form of ones and zeros.



Blocking

If you are repeatedly harassed by anyone, be it on social networks, instant messengers or by writing unwanted SMS or constant calling, you may block this person. You can search the unwanted contact or phone number in your mobile and block it by a simple click or two (the possibility is usually under the three dots in right top corner of the screen). The contact may be easily deleted on social networks.



Blue light

Mobiles, tablets, pc and television radiate the so-called blue light, which in evening hours negatively impacts the physiological processes in our bodies. It degrades the quality of our sleep and may cause other physical problems. Blue light occurs naturally in daylight. There is most of it after sunrise and its amount decreases as the sunset comes nearer, and the red portion of the visible light spectrum prevails. Therefore it is recommended not to use any electronic devices with blue light at least two hours before sleep.



Bluetooth

Bluetooth represents wireless technology, which allows connecting two or more devices over a short distance. You may use Bluetooth to connect e.g. to wireless headphones, a speaker, a smart watch, or other mobile phone. In case you are not actively using these devices, we recommend disabling Bluetooth on your mobile, not to be incessantly visible to other devices nearby. The visibility of your device may also be suppressed.



CAPTCHA

CAPTCHA is an acronym for the so-called Turing test, which shows a picture with a deformed text. The user must rewrite the text into a designated checkbox. This test is designed to preclude internet robots from e.g. sending forms and spam discussion forums.



Chain letter

Chain letter is a message that includes an instruction to send it forward to be lucky. In case we don't do that and delete the message, we'll have bad luck. Don't let yourself be intimidated and never forward chain letters. They are fictional and if you delete them, nothing bad happens to you because of it.



Cryptocurrency

Cryptocurrency is a modern type of money that exists only in electronic form. The best known and most common representative is the Bitcoin, which can be bought at a digital currency exchange, a stock exchange or a Bitcoin ATM. In the Czech Republic we can pay by Bitcoin only in some e-shops, shops, selected cafés and restaurants.



Cyber grooming

Cyber grooming is a type of psychological manipulation carried out on the internet, via mobile phones and other related technology. The attacker communicates with the victims in order to gain their trust, lure them out for a meeting and often sexually abuse them. It is very easy to pretend to be someone else on the internet, therefore be careful and verify the identity of your virtual friends, e.g. asking for a photo with a specific content (your name and current date written on a paper).



Cyberbullying

Cyberbullying is a repeated violent behaviour using digital technology. The most often types are sending offensive and intimidating messages, taking photos and videos in order to humiliate the victim or creating posts on social networks in which the victim is insulted and ridiculed.



Darknet

Darknet is an overlay network that uses the internet, but can only be accessed with specific software or configuration. It is an environment where the users' identity is protected by encryption technology so it is very difficult to trace. Therefore it is used i.a. for illegal activities, such as arms and drugs trafficking.



Digital footprint

Unfortunately, the virtual space is not anonymous. Every user creates a so-called digital footprint by their activities on the internet. Activity records of a user are stored in the device itself (mobile phone, computer, smart watch, etc.) Other information are stored as well, such as social media posts, discussions under articles, blogs, vlogs, but also via internet shopping and sales.



Dislike

People on certain social media may use not only "like" to praise a post, but also the so-called "dislike" to express their displeasure and disagreement with the post. Many users put negative comments under some posts, which may be even hateful. Those that express hate on public forums are called haters.



Domain .cz

Same as each country has its own international vehicle registration code, each country also has its own internet domain. The Czech domains have the ending .cz and are administered by the CZ.NIC Association.



Emoji

Many people on social networks express their emotions with the help of pictures, for which emojis were made. In written conversation it is more difficult to describe by a single word great happiness, sadness, anger or sarcasm, but a picture can give the message a new dimension and everyone immediately understands which emotion we feel at that moment.



E-shop

E-shop or internet/online shop is a web application used mainly for selling and buying goods. We can buy practically anything on an e-shop – groceries, household products, clothes, toys, electronic appliances, furniture, etc. Just choose from the product catalogue and put the chosen goods into your virtual shopping cart, then make an order, pay and wait for the delivery.



E-signature

E-signature or electronic signature may have different forms. A simple electronic signature is used by most of us every day. It can be our name and surname at the end of an email. If we want to use a signature for legally approved

communication (dealing with the public administration or signing a contract), we need to have a so-called qualified electronic signature. We can get it from one of the certification authorities (e.g. the Czech Post).



Fingerprint

Fingerprint may help the criminalists find a thief, but it can also be used to unlock your mobile phone or selected apps. It can also be used to unlock the door, a safe, and other valuables. Each person's fingerprint is unique.



GDPR

GDPR (General Data Protection Regulation) is a general regulation on protecting personal data. It was created to protect the rights of EU citizens from unauthorised use of their data, including personal information. GDPR applies to all the companies and institutions, as well as individuals and online services. Thanks to this regulation nobody can gather our personal data without our approval, and then send us e.g. advertising emails.



Gesture

A gesture is one of the possibilities we have to protect our smart device (phone, tablet or computer) from entry of an uninvited person. We just join several points on the screen. The gesture should not be too simple, e.g. in the form of the letters C, O, N, S, M or L. You can also join points that are not directly next to each other.



Hacker

Nowadays the term has mostly negative meaning, because sinister hackers abuse their abilities to break into others' computers and networks to get sensitive information and e.g. further blackmail. In the original sense a hacker was a very competent IT expert, who is today called a guru, geek or nerd.



Hashtag

Hashtag is a word, a phrase or a sentence started with the sign #. It is used on social networks, mainly on Instagram or Twitter. It is used to mark articles, documents, photos or stories, so that their key content is easily found. E.g. the #Dobble shows us various types and photos of this popular game.



Hoax

The term hoax indicates false or alarming news that warns us against non-existent danger or incites us to some action and gives advice "verified by experts". Check the information you find online or that are sent to you via email, SMS or instant messaging service. The site www.hoax.cz provides a regularly updates database of false news.



https://

These are the letters at the beginning of the address of secured web sites in the command line of the browser (Firefox, Google Chrome, Internet Explorer...). HTTPS is an abbreviation of the English term "Hypertext Transfer Protocol Secure" and in contrast to the unprotected HTTP protocol it enables secure communication in computer network between the browser and web server. If you go e.g. on your bank's website, make sure the URL address includes the letter S after the letters HTTP.



Influencer

An influencer is a person that uses social networks to influence the behaviour of many people. Most often influencers are youtubers, streamers, instagrammers and musers. Some influencers have hundreds of thousands or millions of fans. Those best known sell even their merch (merchandise) – T-shirts, hoodies, bracelets, caps, backpacks and other goods with their "brand".



Internet

Internet is a global system of computer networks that are connected via the so-called network nodes. A node can be a computer or a device with special network function, e.g. a router. The Czech Republic, or Czechoslovakia, as it was at that time, joined the internet in 1992.



Like

"Likes" are used on social networks to mark posts that we like. The creators of social networks introduced "like" for the users to be able to easily rate the published content and for the authors of the posts to be motivated to create new posts. The "likes" make people happy and at the same time entice them to incessantly visit social networks.



Location

Smart devices allow to determine its location via GPS. It comes in handy when we want to find a restaurant nearby or to switch on the navigation and find out how to get to a certain place. It is recommended not to disclose one's location on social networks. If the geolocation data are saved automatically into metadata of your photos, delete them manually before posting them on the internet, not to disclose too much information about yourself.



Offline

The term offline designates being disconnected from the internet, however many apps work also in this setting. In these overwhelming times the term offline often talks about activities done without digital technology, e.g. walking in the park without a mobile in your pocket. Moreover there are more and more often challenges to participate in an offline day, when you do not use a mobile, tablet or a computer. Try it. Why not sometime during a weekend?



Online

The term online means being connected to the internet, either via a Wi-Fi network, a cable, or mobile operators' data. To be online is a state when we are connected to social networks, instant messengers, e-mail and other apps and we are immediately able to respond to comments and messages from our virtual friends.



ON-LINE ZOO

The book called ON-LINE ZOO introduces the youngest readers to the basics of safe conduct on the internet. You meet an extraordinary zoo, in which all the animals use the internet. The book was translated from an Austrian original Der Online-Zoo. You can read it or listen to it free of charge at knihy.nic.cz#zoo.



Patch

A patch is a code that is used to fix or improve programmes and apps. The developers issue patches e.g. to ensure higher security or to change some functions of a programme. We shouldn't ignore a new patch and install it as soon as possible, to lower the risk of vulnerability of our mobile, tablet, or pc and protect it from being penetrated by dangerous outside software.



PEGI

PEGI is an English abbreviation for "Pan European Game Information" (European rating system of computer games). It is a system of classifying according to age groups. It was created to protect underage children from apps that are inappropriate for certain age group. It uses numbers 3, 7, 12, 16, and 18. E.g. a game appropriate from 7 years of age is designated by a green number 7. More information is available at www.pegi.info.



Phantom vibrations

Phantom vibration syndrome is due to excessive use of mobile phone, the so-called nomophobia. It is the perception that one's phone is ringing or vibrating, even if it is off or put on silent mode.



Phishing

The term phishing is an acronym of fishing and phreaking (hacking somebody's phone line). Computer cheaters try to get sensitive personal data, such as account passwords, credit card numbers, birth numbers, etc. The attempts are often spread by fraudulent e-mails that contain a link to false web sites, which look like the real ones (e.g. websites of banking institutions).



PIN

PIN serves to protect a smartphone, tablet, SIM card, credit card, and others. You should create your PIN so that it is difficult for others to deduce. The most common mistake is to use numbers that go one after another, like 1234, or using one's date of birth.



Police of the Czech Republic

In case of serious cyberbullying, cyber grooming or cyber stalking, immediately contact the police on their line 158. Do not delete the harassing

messages from your mobile or computer, though, to keep proof that helps to convict the perpetrator.



QR code

The name QR comes from the English term "Quick Response". The QR code can encode huge amount of data. We can put any text information into it. It is used most often to store an internet address or contact information. Anyone can generate their own QR code, e.g. with the help of qrgenerator.cz. It can be read on a mobile with the help of a QR reader. If it is not part of your package, you can install it additionally.



Router

A router is a device which enables you to connect to the internet. Just as a cell phone and a computer, a router should be protected by a strong password. The CZ.NIC Association is developing a safety router Turris, that protects you even more (www.turris.cz).



Safely on the Net

Various awareness materials are created under the project Safely on the Net, whose coordinator is the CZ.NIC Association, e.g. the series How to Use the Internet, the book How to Use the Internet – safely, the movie Graduate (Maturant) and last but not least a series #martyisdead. More information about the project can be found on www.bezpecnenanetu.cz.



Safer Internet Day

This day, aimed at awareness and prevention, is observed second Tuesday in February each year. The national coordinator of the Safer Internet Day is the CZ.NIC Association, which holds various educational workshops on this occasion.



Safety Line

The Safety Line aims to provide help to children and students up to 26 years of age with solving difficult life situation and everyday worries and problems, via telephone (116 111), e-mail and chat. It also operates a parent line to help families in crisis. The Safety Line is a partner in a European Safer Internet Centre project coordinated by the CZ.NIC Association. For more information and contacts please visit www.linkabezpeci.cz.



Secured profile

To protect our privacy on social networks, we should secure our profile. Much information (place of residence, school, work, hobbies, etc.) can be found on an unprotected profile thanks to our posts, comments, and photos, and further abused. Also, it is possible to steal one's identity based on the information made public, which will unnecessarily damage and discredit the victim. To avoid this risk, set your profile to private and carefully consider who you become virtual friends with.



Sexting/intimate photo

The English term sexting means electronic sending of messages, pictures, and videos with intimate content. Photos and videos are most often spread via social networks or instant messenger (Messenger, Viber, WhatsApp...). Note that we should never show our private parts to a phone's camera, let alone send such photos to anyone.



Smart watch

Smart watch can be connected via Bluetooth with your smartphone. The mobile can be in our backpack and the watch will announce an incoming call, SMS, but also a social media message. It can monitor our pulse, count the number of steps, but also monitor our sleep. Beware of an addiction. If you wear your smart watch incessantly, you may feel the need to check each message and each incoming call.



Social networks

There is a wide range of social networks and new ones are still coming up. The best known are Facebook, Instagram, TikTok, Twitter, but also instant messengers such as Messenger, Snapchat, Viber, WhatsApp and others. In the Czech Republic children may have a profile on social networks when they are 15 years old, unless their parents allow them to do that earlier.



Spam

Spam is most often a designation for unwanted advertising emails, SMS or messenger messages promoting various goods and services. E-mail boxes usually filter these messages and automatically put them into a special folder,

where they are deleted after several days.



Tablexia

Tablexia was created by the CZ.NIC Association. It is an educational app that supports the development of cognitive skills, such as memory, concentration, attention, function of speech, speed of thinking, and the ability to comprehend information. It is intended not only for children with dyslexia in upper primary, but also to children who like to play an entertaining game. You may find more information on www.tablexia.cz.



Trojan

Trojan or a Trojan horse is a type of malware (malicious software). It was named after the Trojan horse in Greek mythology that enabled the Greeks to deceive Trojans. Just as the Greek soldiers entered the town hidden inside the wooden horse statue, which was supposed to be a gift to the Athena Goddess, the computer virus can be hidden in seemingly harmless folders, e.g. in e-mail attachments, free-of-charge applications, games, or movies.



Update

An update is a process that installs a newer version of software into a computer, a tablet or a smartphone, be it an operation system, tools or applications for fun. The update is necessary either to upgrade for a newer version of software that offers various new functions, or to repair security or other errors.



Videoconference

Videoconference is a sound and picture connection of two or more sides, which enables remote communication and sharing or presented data. It is used in companies, but also in distance learning at schools. Currently there are many platforms (technical means) that provide videoconferences, e.g. Google Hangouts Meet, Jitsi Meet, MS Teams, WebEx.com, Zoom.us, and others.



Virus

Virus is an insidious programme that attempts to enter your computer, tablet or mobile phone. At the beginning it was a programme which could spread without the user's knowledge. However, nowadays the name is used in broader terms. It designates all the malware, i.e. malicious software - viruses, bugs, spyware, adware, ransomware, phishing, Trojan horses, and others. The viruses may be in an email attachment, or you can find them anywhere on the internet, e.g. in a downloaded app.



Wi-Fi

Wi-Fi comes from the English term "Wireless Fidelity" and designates wireless internet connection. We can see it almost everywhere – in a restaurant, at a hotel, in a tram, at a bus stop, in a mall. Be careful using unprotected Wi-Fi networks. If you need to connect to your internet banking, don't do it in a mall, but wait until you are at home, where your Wi-Fi is surely secured.