

ERASMUS PROJECT  
THE POWER OF  
DIGI-SCHOOLS  
**eTwinning**

*Internet*  
*Safety*

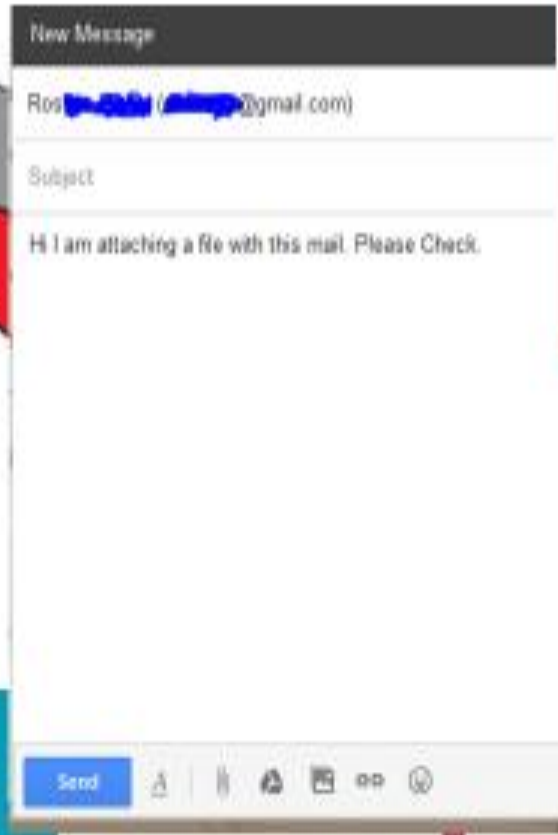


# What Happens in an Internet Minute?

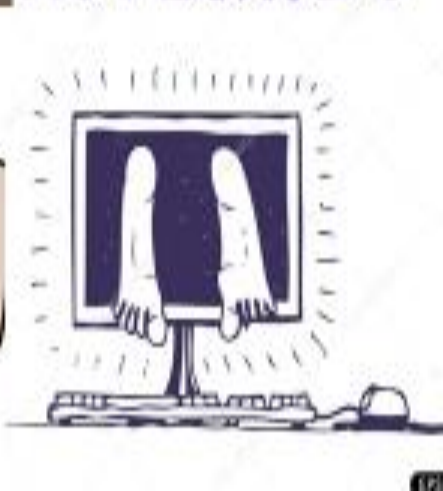


## And Future Growth is Staggering





**INTERNET**



# What do children do most on the Internet?



- keep in touch with friends
- buy things like music, books or games
- play games
- obtain and down load music



- Do you feel comfortable teaching online safety?
- Why do they ask so many questions?
- Have you searched your name on the net?
- Is it good to not having a FB or Twitter account?
- Why most of the websites or apps are free?
- Who do you accept as a friend in SN?
- What would happen if you post your photos on the net?

[https://www.youtube.com/watch?v=\\_o8auwnJtqE](https://www.youtube.com/watch?v=_o8auwnJtqE)



**BEFORE YOU POST...**

**THINK!**



**T** - is it true?

**H** - is it hurtful?

**I** - is it illegal?

**N** - is it necessary?

**K** - is it kind?



# Key Facts

- Offenders are intelligent and likeable.
- Offenders have families of their own, lead normal lives and come from all walks of life
- Offenders may victimize boys, girls or both often girls being at greater risks
- Offenders often make first online contact as a person of the same age and may later reveal the truth about their own age



- Offenders usually offend more than once and may take a long period of time to stage the offense
- Offenders will travel a great distance to meet their victims



## Digital Natives

- Born after 1990
- Highly connected
- 97% play video games
- 75% have cell phones
- 68% use IM
- 70% use SN sites
- Easily adapt and adopt
- Generate content







**TECHNOLOGY CAN'T CATCH  
EVERYTHING, SO COMMUNICATE!**

## Friend or Foe?

- Easy to fake online persona
- Predators adapting to Social Networks
- Practice of “Sextortion” includes using digital content for blackmail



15-year-old girl  
on Facebook

## Adults Only?

- Pornography more available and graphic than ever before
- Increasing chances of accidental exposure due to spam attacks on social networks
- Average age for first exposure to pornography is 11



What is the most safest social media network?

Twitter? LinkedIn ? Google? Instagram? Flickr? Facebook? Youtube?



**- 'I wear a clown mask to sleep just in case one of my kids has a nightmare and comes to sleep in our bed.'**

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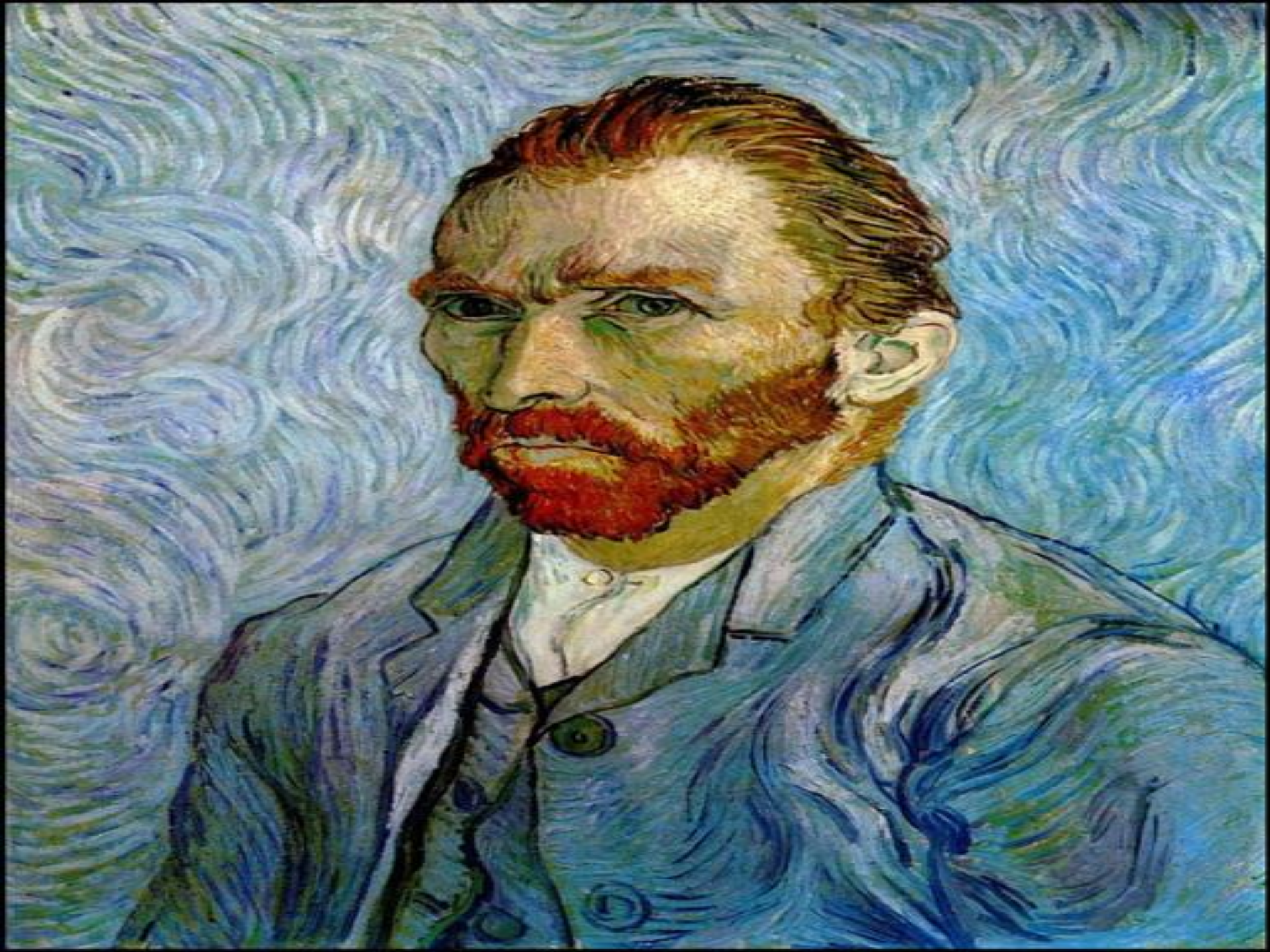
**- 'GOALLLLLL!!! Rooney scored a scorcher!!!'**

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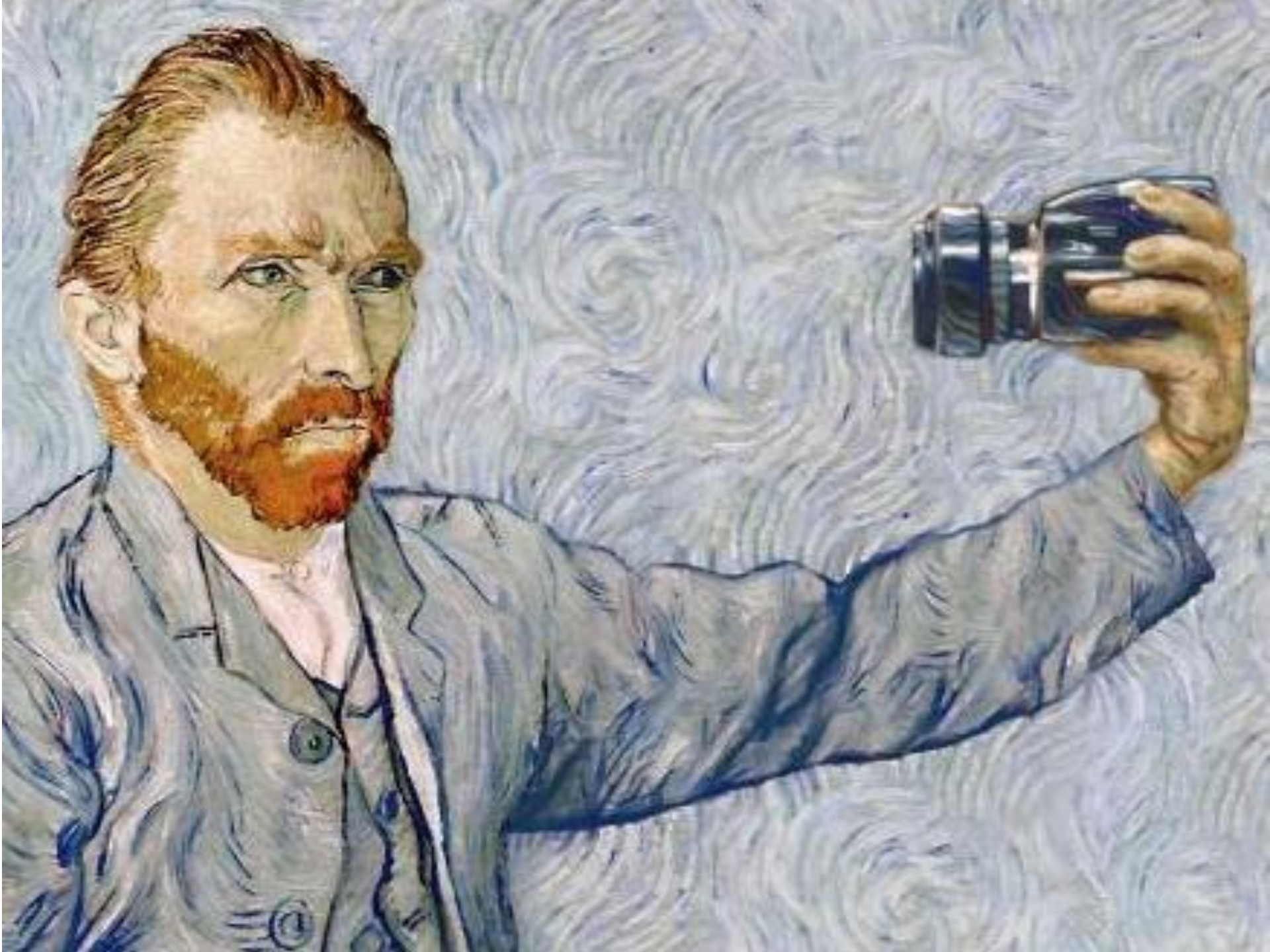
**- 'I was just watching 'I Love Lucy' and my 5-year-old was like, 'Mom, what's wrong with the TV, all the color is missing.'**











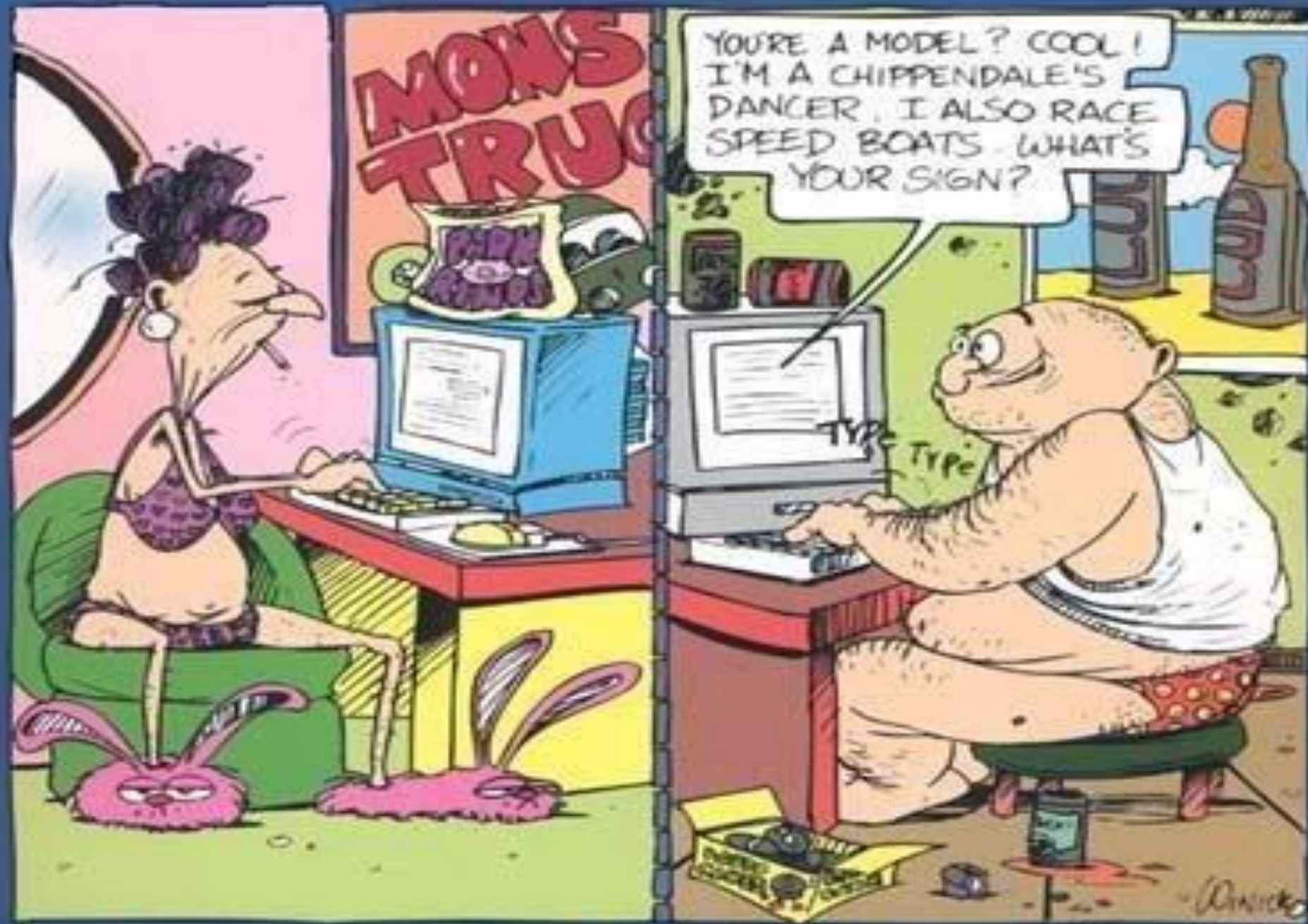


matchers.com



my profile:  
sexy, single & wealthy





HONESTY ON THE INTERNET





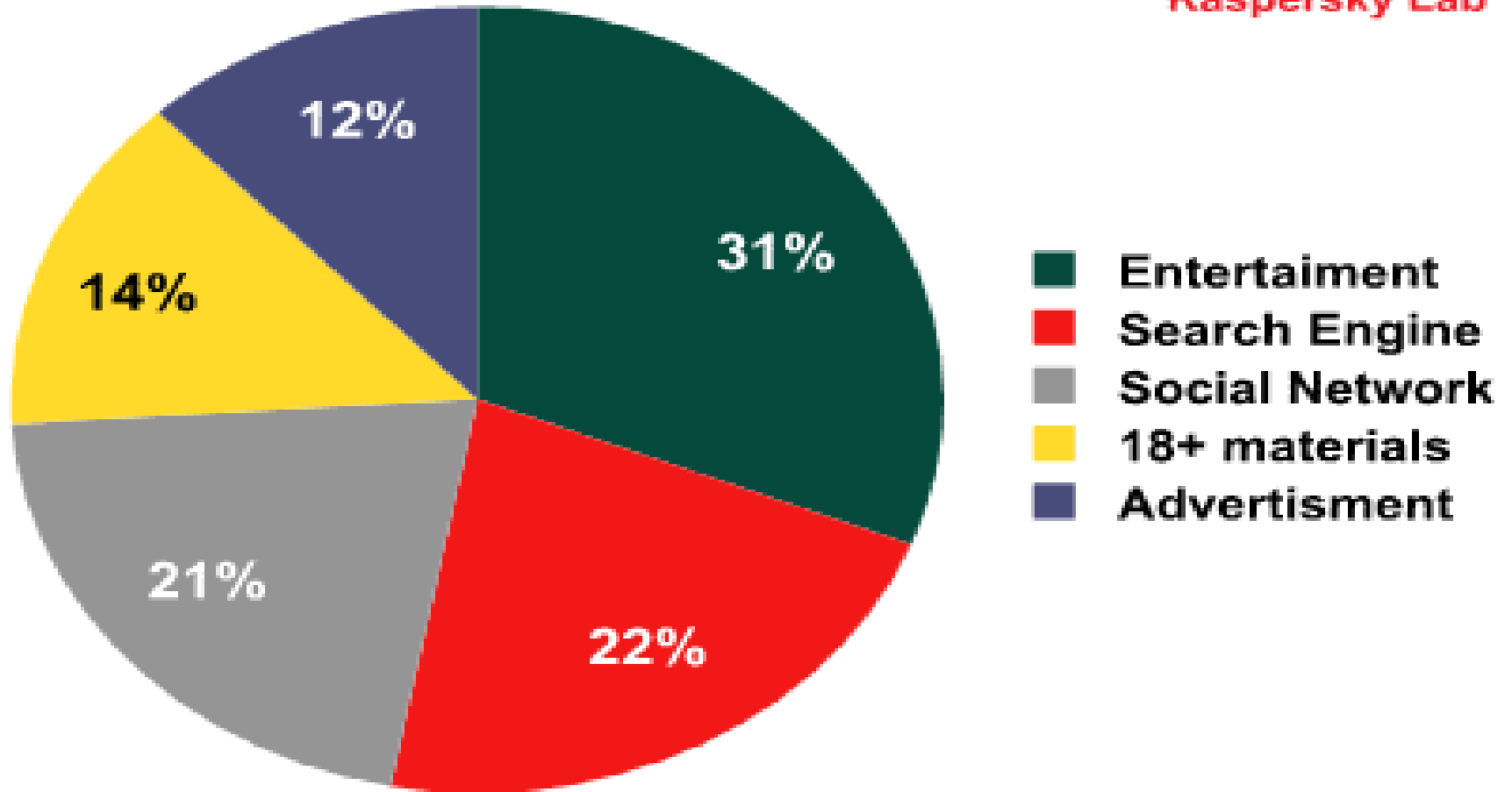
# TOP TIPS: DIGITAL FOOTPRINTS

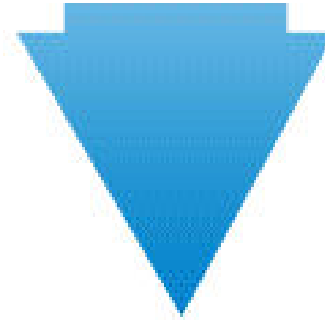


- Treat your password like your toothbrush don't share it with anyone and change it often.
- Always remember to logoff when you have finished with an online service.
- Use your own digital footprints to remember your favourite websites like the history button and your bookmarks.
- Remember that most of the websites you visit will make a note of your visit and may also track the websites you visit before and after their website!
- Let an adult know if anything you read or see makes you feel worried or upset.

# Malicious Softwares

Kaspersky Lab



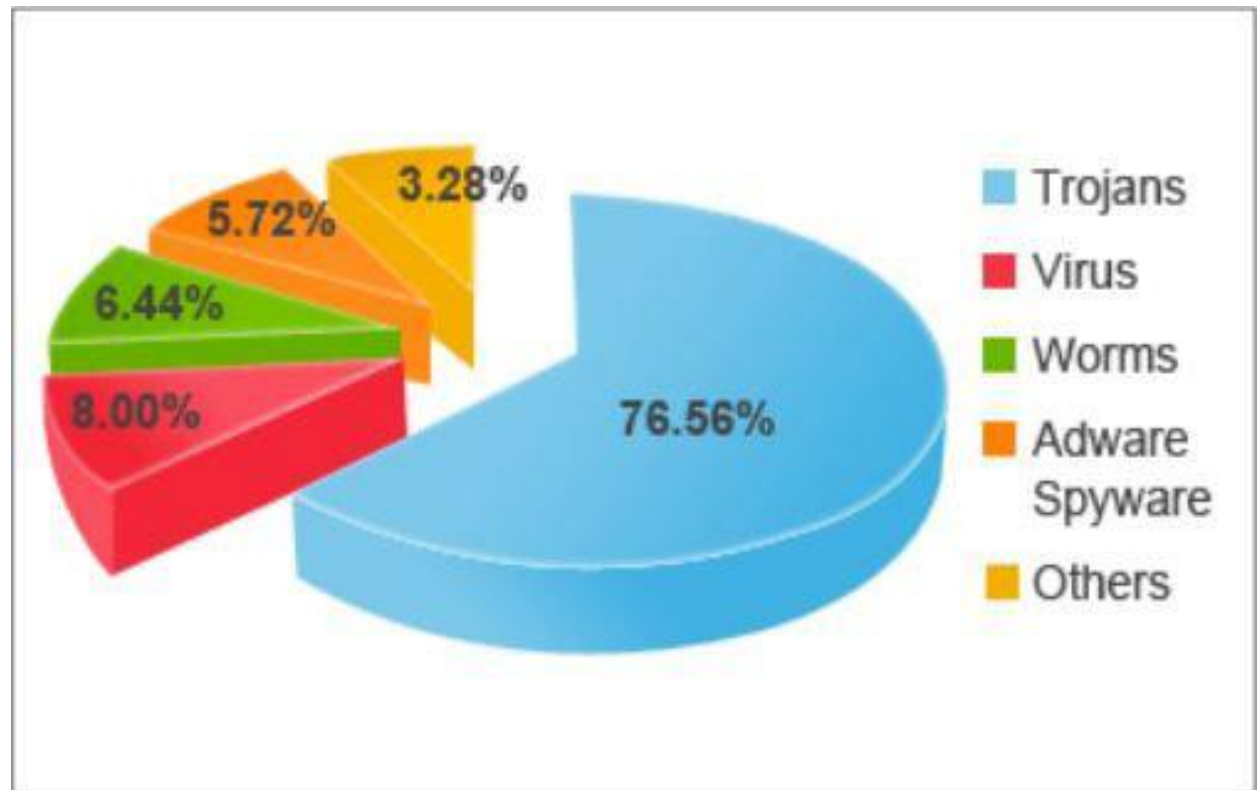


Protect your network from  
**Malware**



# Malware Examples

- Virus
- Worms
- Hoax
- Bugs
- Trojans
- Spywares
- Keyloggers
- Rootkits
- Ransomwares
- Malicious Mobile software tools





Keyloggers



outlook

Yeni | Yanıtla | Sil | Arşivle | Gereksiz | Süpür | Taşı | Kategoriler

Arama sonuçları

Klasörlerde

Tüm klasörler

✓ Gelen Kutusu

Gönderilmiş Öğeler

Tasliaklar

Silinmiş Öğeler

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Seçenekler

Eklerle birlikte

Tarih

• Tümü

○ Bu hafta

### Account update

OT Outlook Team <database621@outlook.com>  
24.5.2016 (Sal) 08:10  
Kime: database@hotmail.com

Yanıtla

**We are conducting a verification due to recent upgrade in our database. Reconfirm your email account so that it will be recorded in our new database system to avoid losing your account permanently.**

**Date of birth**

**Phone**

**Country**

Outlook Posta

outlook

Yeni | Yanıtla | Sil | Arşivle | Gereksiz | Süpür | Taşı | Kategoriler

Arama sonuçları

Klasörlerde

Tüm klasörler

✓ Gelen Kutusu

Gönderilmiş Öğeler

Tasliaklar

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Seçenekler

Eklerle birlikte

Tarih

### Email Re-Activation 2016

20 ©2016 Outlook.com <aayanmitu@hotmail.com>  
16.6.2016 (Per) 08:18  
Kime: ©2016 Outlook.com (aayanmitu@hotmail.com)

Yanıtla

## Outlook

Dear account User,

Your Microsoft Account has exceeded its storage limit. You might not be able to receive new emails. If not verified within 24 hours, we will suspend your account. So please click the link below to verify your account now.

[Verify Your Account Now](#)

Thank you.  
**Windows Live ID Customer Support.**  
Copyright 2016 Inc.

# Wireless world

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**wireless**

**Easier than Listening Through a Keyhole**



**BACKUP**

# Anti-Virus Software



lookout



TREND  
MICRO



avast!

**McAfee**  
Proven Security™



symantec™



**AVG**

**Password \***

**Password strength: Weak**

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How can you build a strong password?

<https://www.youtube.com/watch?v=opRMrEfAlil>

A close-up photograph of a person's face in profile, looking at a laptop screen. The person's hand is resting on their chin. The laptop screen displays the text 'PERSONAL INFORMATION' in large, bold letters, with 'PERSONAL' in black and 'INFORMATION' in red. Below the title is a bulleted list of personal information items. The laptop keyboard is partially visible at the bottom of the frame.

## PERSONAL INFORMATION

- Passwords
- Home address
- Location
- Home/Cell phone number
- Email address



# Bad examples to create a password

## Names :

- Your names
- Family name
- Pets

## Personal Info:

- Hobbies
- Favourite team
- Birthday

## Numbers:

- Don't use numbers alone.

## Words in dictionary:

- Choose a random word.  
(It is still not a good password.)

# Create a password

For a better password:

- Don't use a name
- Don't use personal info
- Don't use words in Dictionary
- Use at least 8 characters
- Use numbers and digits together
- Use special Character (@%&)
- Use capital letters and small letters together
- Use miswritten words

# Create a password

To create a strong password you can use the 'Vanity Plate'.

a:@ i:1 l:! 0:()

Pineapple =p1ne@pp!e

Too late again = 2L8again

Music is for me = MusickS4me

Day after today = dayafter2day

I love to play football = 1!()v2p!@yb@dm1nt()n

Use sentences. Use the first letters of the words:

Tom and Liza go to school everyday.

**T&Lgtse**

To have a strong password please listen and take notes.

**Thasppl&tn**

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- 
- What do you do when the system wants to change or update your password?
  - Do you share your password with your students?
-



WEBSITES



VIDEOS



MUSIC



GAMING



INSTANT  
MESSAGING



EMAIL



SOCIAL  
NETWORKING



## Websites

Monitor and filter websites based on categories and auto enablement of Safe Search.



## Videos

Monitor and filter Online TV by show rating and block inappropriate YouTube clips.



## Music

Monitor music downloaded through iTunes and limit access to explicit content.



## Games

Limit online interactions with popular games and restrict access to gaming websites.



## Instant Messaging

Monitor or block instant messaging applications and online chat rooms.



## Social Networking

Monitor postings on social network sites for personal information or block social networking sites.



## Email

Choose to block email, allow it with only approved contacts, or allow unrestricted email.



## Activity Reports

Smart, informative reports of online activity with summary reports sent to your inbox.



## Instant Alerts

Text Message, Email or Phone alerts when someone visits inappropriate content.



## Time Limits

Choose the times of the day that the Internet is available or set a total time that can be spent online.



## Remote Management

Change your settings anytime from anywhere using only your web browser.



## Multiple Profiles


Setup monitoring and filtering policies for each user.



# Researches

- Last year in England, the cyberbullying cost 27 billion dollars to its national economy. In US this number increases to 100 Billion dollar.
- The virüs of 'I love you' effected 45 million computers in the World and costs about 10 billin dollars.
- The 'worm of Nimda' costed 3 billion dolars.
- Love bug caused 10 billion dolars lost.
- Mydoom trojan virüs caused about 4.8 billion lost.

# Attacks

- Cyberattacks can hamper the routines.
  - The number of spywares is increasing. And it moderates itself. It can hide itself and can be invisible.
  - Even if you delete it, it can copy itself again.
  - It can exist in a short time and delete itself.
- 

# GOOGLE

- It is a perfect and preferred search engine. Its value is about 200 billion dollars.
- It provides a lot of services: Academics, books, translation, blogs, gmail, documents, mobil, talk, maps, IPv6, Google+, .....

But..

- It is the best spyware software in the World. It collects all the info in the World. It analyses the countries.
- It can search for a word, sentence, picture, sound..
- It is an indispensable environment for users.

## What to do?

- Decide when your kids are ready
- Stress respect of others
- Consider maturity of peers and child
- Set clear rules
- Set clear consequences



## Cyberbullying

- Take the problem seriously
- Assure your child you will make it stop
- Don't react to the bully
- Record and report



# *Raising Consciousness*

- Most of the losses are resourcing from human faults and intentions they are not based on software or hardware
- It should not be thought as technological fault. The weakest link is the human. It should be strengthen.
- Training for using Conscious and safe Internet
- Update your progams.
- Turn off your computers, laptops, cellphones if not used. (camera and sound)
- Dont open all the attachments in the mails.
- Don't upload software you don't know.
- Save your important data.
- Upload anti-virüs programme to your mobile phones.
- Don't declare your place.
- If you or your children are addicted to Internet, there are clinics serving for this purpose.

# Check the items below if they properly describe your online practices

- 1. If I have a social network page, I use a site that allows only known friends to access my page and I don't allow anyone else to see it.**
- 2. I never divulge my last name to online acquaintances.**
- 3. I never reveal my address to online acquaintances.**
- 4. I never disclose my phone number to online acquaintances.**
- 5. I never tell my usernames or passwords to online acquaintances.**
- 6. My handles don't offer any clues to my identity.**
- 7. I've never sent my picture to an online acquaintance, and don't plan to.**
- 8. I've never met an online acquaintance in person, and don't plan to.**

# Thanks

**Özlem KOPARAL**

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