PROMOTING CYBER SAFETY IN ONLINE CLASSROOM

Speaker : Chandni Agarwal

DIGITAL WORLD

NET BANKING

GOOGLE SEARCH

SHOPPING ONLINE

WATCHING MOVIES

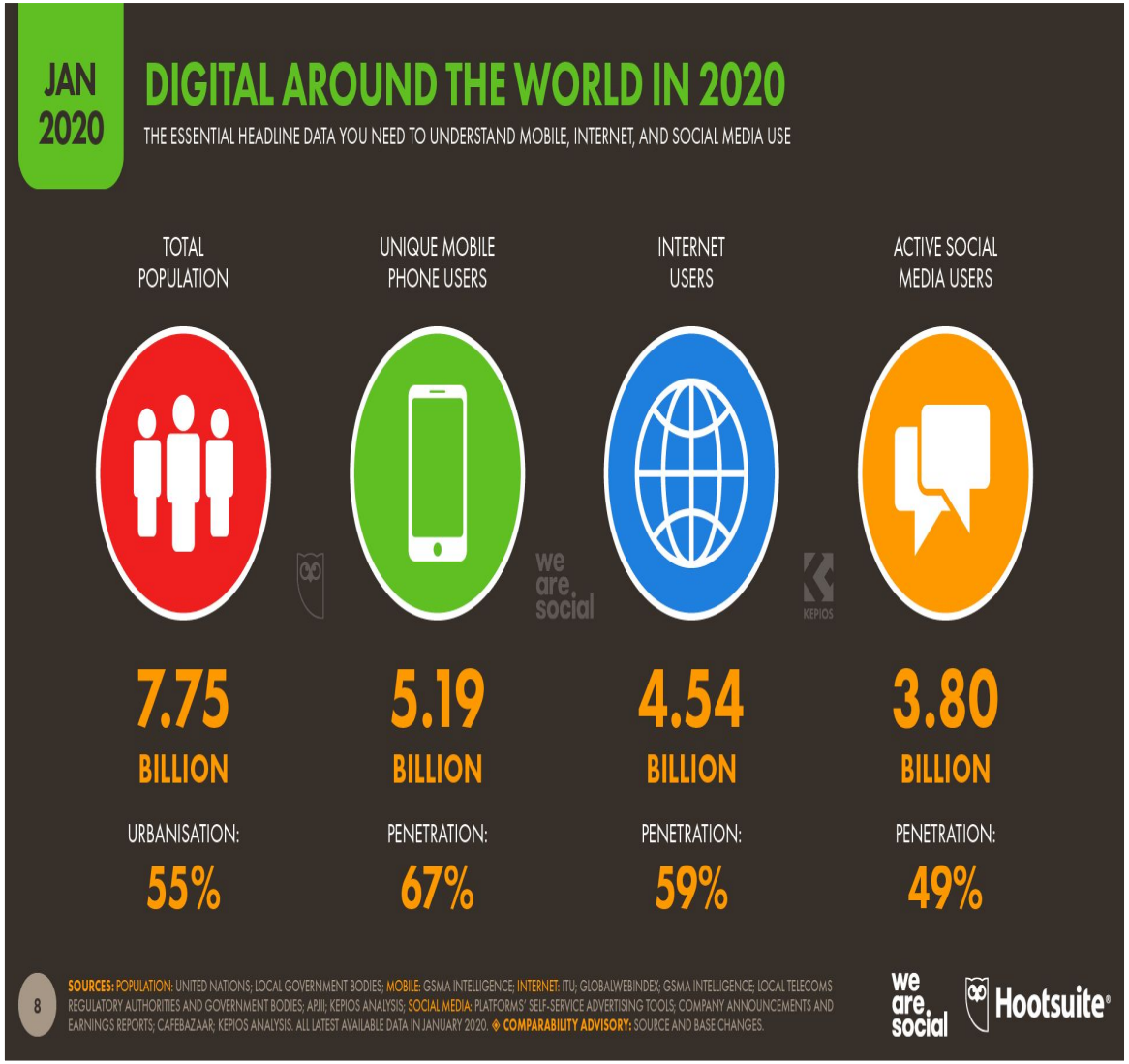
FACEBOOK

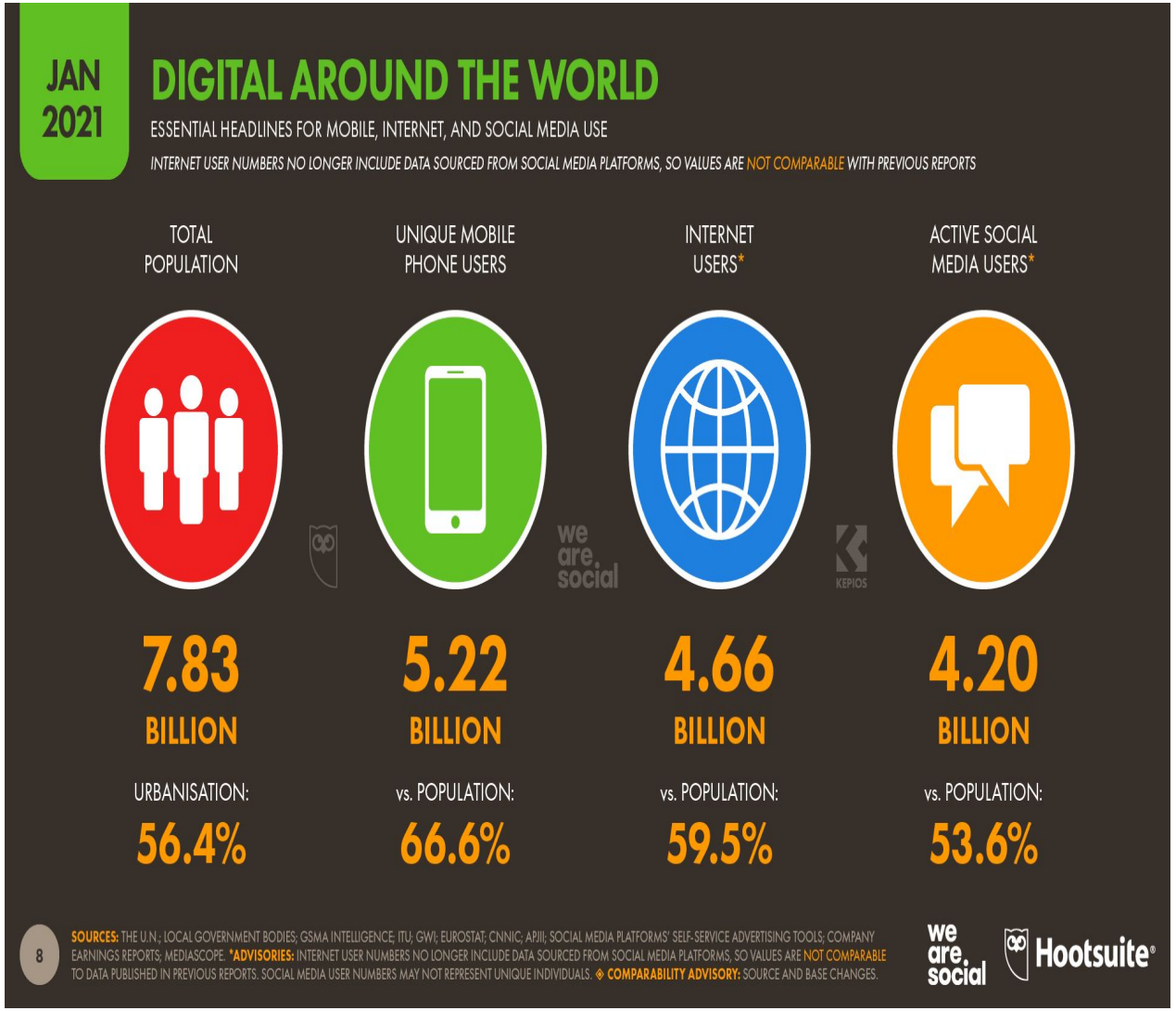
INSTAGRAM

WHATSAP P

AND NOW ONLINE CLASSROOMS

CLASSROOM EVOLUTION


JAN 2020
DIGITAL AROUND THE WORLD IN 2020
THE ESSENTIAL HEADLINE DATA YOU NEED TO UNDERSTAND MOBILE, INTERNET, AND SOCIAL MEDIA USE
TOTAL POPULATION
UNIQUE MOBILE PHONE USERS
INTERNET USERS
ACTIVE SOCIAL MEDIA USERS
7.75 BILLION
URBANISATION: 55%
5.19 BILLION
PENETRATION: 67%
4.54 BILLION
PENETRATION: 59%
3.80 BILLION
PENETRATION: 49%
8
SOURCES: POPULATION: UNITED NATIONS; LOCAL GOVERNMENT BODIES; MOBILE: GSMA INTELLIGENCE; INTERNET: ITU; GLOBALWEBINDEX; GSMA INTELLIGENCE; LOCAL TELECOMS REGULATORY AUTHORITIES AND GOVERNMENT BODIES; APJII; KEPIOS ANALYSIS; SOCIAL MEDIA: PLATFORMS' SELF-SERVICE ADVERTISING TOOLS; COMPANY ANNOUNCEMENTS AND EARNINGS REPORTS; CAFEBAZAAR; KEPIOS ANALYSIS. ALL LATEST AVAILABLE DATA IN JANUARY 2020. ◈ COMPARABILITY ADVISORY: SOURCE AND BASE CHANGES.
we are social
Hootsuite


JAN 2021
DIGITAL AROUND THE WORLD
ESSENTIAL HEADLINES FOR MOBILE, INTERNET, AND SOCIAL MEDIA USE
INTERNET USER NUMBERS NO LONGER INCLUDE DATA SOURCED FROM SOCIAL MEDIA PLATFORMS, SO VALUES ARE NOT COMPARABLE WITH PREVIOUS REPORTS
TOTAL POPULATION
UNIQUE MOBILE PHONE USERS
INTERNET USERS*
ACTIVE SOCIAL MEDIA USERS*
7.83 BILLION
URBANISATION: 56.4%
5.22 BILLION
vs. POPULATION: 66.6%
4.66 BILLION
vs. POPULATION: 59.5%
4.20 BILLION
vs. POPULATION: 53.6%
8
SOURCES: THE U.N.; LOCAL GOVERNMENT BODIES; GSMA INTELLIGENCE; ITU; GWI; EUROSTAT; CNNIC; APJII; SOCIAL MEDIA PLATFORMS' SELF-SERVICE ADVERTISING TOOLS; COMPANY EARNINGS REPORTS; MEDIASCOPE. *ADVISORIES: INTERNET USER NUMBERS NO LONGER INCLUDE DATA SOURCED FROM SOCIAL MEDIA PLATFORMS, SO VALUES ARE NOT COMPARABLE TO DATA PUBLISHED IN PREVIOUS REPORTS. SOCIAL MEDIA USER NUMBERS MAY NOT REPRESENT UNIQUE INDIVIDUALS. ◈ COMPARABILITY ADVISORY: SOURCE AND BASE CHANGES.
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APR 2021

SOCIAL MEDIA USE AROUND THE WORLD

USE OF SOCIAL NETWORKS AND MESSENGER SERVICES, WITH DETAIL FOR MOBILE SOCIAL MEDIA USE

⚠ *SOCIAL MEDIA USER NUMBERS MAY NOT REPRESENT UNIQUE INDIVIDUALS*

TOTAL NUMBER OF ACTIVE SOCIAL MEDIA USERS*	SOCIAL MEDIA USERS AS A PERCENTAGE OF THE GLOBAL POPULATION	ANNUAL CHANGE IN THE NUMBER OF GLOBAL SOCIAL MEDIA USERS	PERCENTAGE OF SOCIAL MEDIA USERS ACCESSING VIA MOBILE PHONES	AVERAGE AMOUNT OF TIME PER DAY SPENT USING SOCIAL MEDIA
4.33	**55.1%**	**+13.7%**	**99.0%**	**2H 22M**
BILLION		**+521 MILLION**		

SOURCES: KEPIOS (APR 2021), BASED ON DATA FROM: COMPANY EARNINGS ANNOUNCEMENTS; PLATFORMS' SELF-SERVICE ADVERTISING TOOLS; CNNIC; MEDIASCOPE. TIME SPENT DATA FROM GWI (Q4 2020). SEE GLOBALWEBINDEX.COM FOR MORE DETAILS. ***ADVISORY:** SOCIAL MEDIA USERS MAY NOT REPRESENT UNIQUE INDIVIDUALS, AND MAY EXCEED INTERNET USER NUMBERS IN SOME COUNTRIES. ◈ **COMPARABILITY ADVISORY:** BASE CHANGES AND HISTORICAL REVISIONS. DATA MAY NOT CORRELATE WITH FIGURES PUBLISHED IN PREVIOUS REPORTS.

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IS THERE ANYTHING TO WORRY ABOUT?

WE ALL HAVE DIGITAL IDENTITY.

OUR EACH AND EVERY STEP IN DIGITAL WORLD IS OUR DIGITAL FOOTPRINT AND IT HAS A LONGER REACH THAN OUR EXPECTATION

PROBABLE RISKS

Cyber Bullying

Cyber Stalking

Cyber Predation

Cyber Terrorism

Trolling

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PROBABLE RISKS

Data Safety

Identity Theft

Password Security

Cyber Pornography

Fake Identities

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PROBABLE RISKS

Email spamming

Phishing

Data stealing

Misuse of Credentials

Malware

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Digital Millennials

BENEFITS OF SOCIAL MEDIA

- Develop better social skills
- Feel less isolated
- Learn about new cultural and societal ideas and issues
- Bond with their friends
- Have fun
- Be creative and share their own ideas with friends
- Be better equipped to be active citizens in society
- Develop real world skills to help them become more independent
- Learn about world events and current affairs outside of their immediate environment

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RISKS OF SOCIAL MEDIA

- **Spending too much time online and being disconnected from the real world**
- **Being the victim of online bullying**
- **Damaging your online reputation**
- **Having your personal information shared online**
- **Being harassed or annoyed by someone you do not want attention from**
- **Being the victim of an online scam**
- **Having reduced self-esteem (for some teenagers).**

Source : CBSE Manual

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VARIOUS FORMS OF CYBERBULLYING

- Making fun of another user in internet chat rooms.
- Harassing a user over instant messaging sessions.
- Posting derogatory messages on a user's social networking pages.
- Circulating rumours about another on social networking sites.
- Publishing lewd comments about another person on personal blogs.
- Posting unflattering pictures of another user on the web.
- Sending unsolicited and unwanted email messages (also known as spamming).
- Sending threatening or provocative emails.
- Repeatedly calling another person's cell phone.

Cyber Bullying

How to deal with cases?

A girl of class 9th was abused and threatened by a relative. She was tortured and sometimes even drugged. The relative used to send her abusive messages and threaten her that he will tell her parents that she has a boyfriend. She was scared to confide in her parents because of the fear that her parents would not believe her.

Lesson: Keeping silent is not a solution to such a problem. Never be scared of telling your parents the truth. Make sure to complain about such problems to the police and seek help from authorities whenever needed. There are people willing to listen to you and help in addressing your problems.

A 7th standard girl was blackmailed by an adult who kept on asking the girl for her nude pictures. She explicitly refused every time he asked and blocked the person. The blackmailer hacked one of her social media accounts and took her photos and just to take revenge he morphed her photos and posted them online. The girl was embarrassed, agitated and even thought of committing suicide.

Lesson: Be strong and face the situation wisely. Do not be afraid of such offenders. Report such crimes on the social media platforms, cybercrime branches, authorities who work for child development, child helpline. Do not think of yourself as a victim.

Source : CBSE Manual

How to deal with Cyber Bullying?

- Only add people online when you know them offline
- Do not share your personal information on social media or other online platforms.
- Do not install unwanted software and apps like dating App, online games, etc. from unknown sources.
- If you feel upset after reading a post from a friend or a stranger, do not react with an aggressive reply. Resist the urge to retaliate or respond immediately.
- Block and report using the site's reporting function as soon as possible .

Source : CBSE Manual

Digital Etiquettes

Source : CBSE Manual

SAFE SEARCH

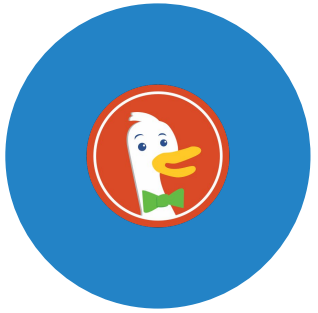
CHECK WEBSITE AUTHENTICITY WITH PADLOCK

DOWNLOADING IMAGES FROM GOOGLE

ACKNOWLEDGING THE SOURCE

REVERSE IMAGE SEARCH

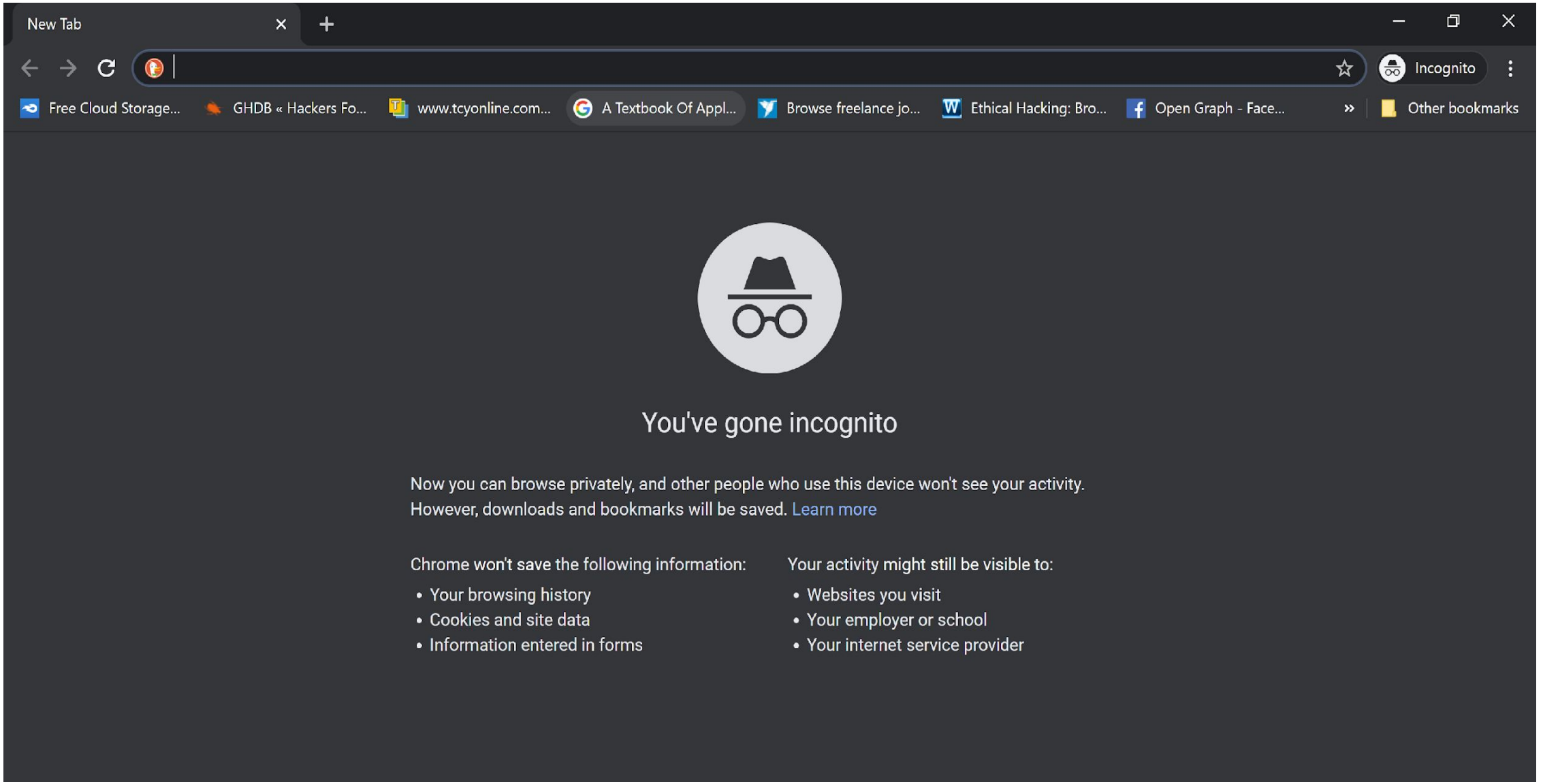
USE INCOGNITO MODE



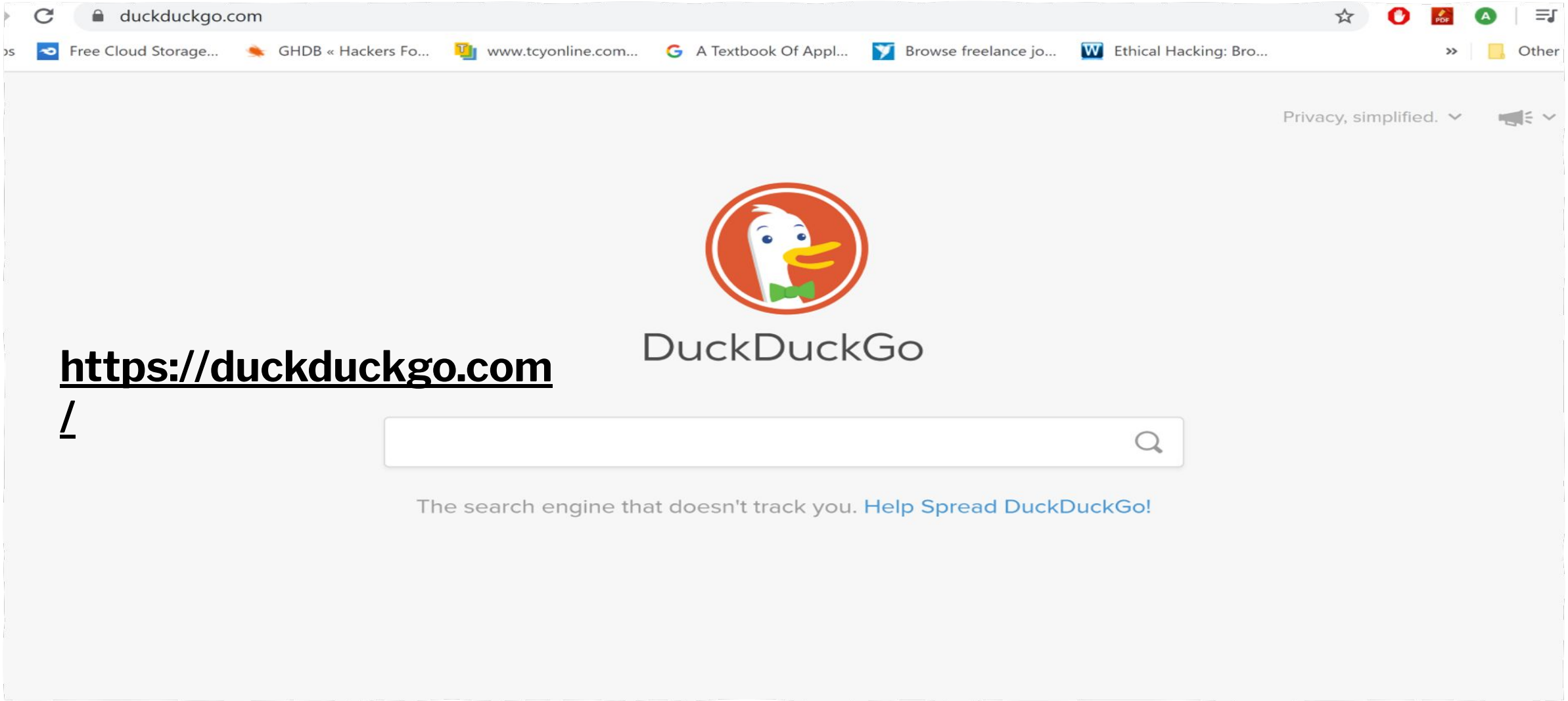
USE SAFE SEARCH ENGINES

SEARCH ENGINES ARE THE GATEWAY TO CYBER THREATS

INCOGNITO MODE

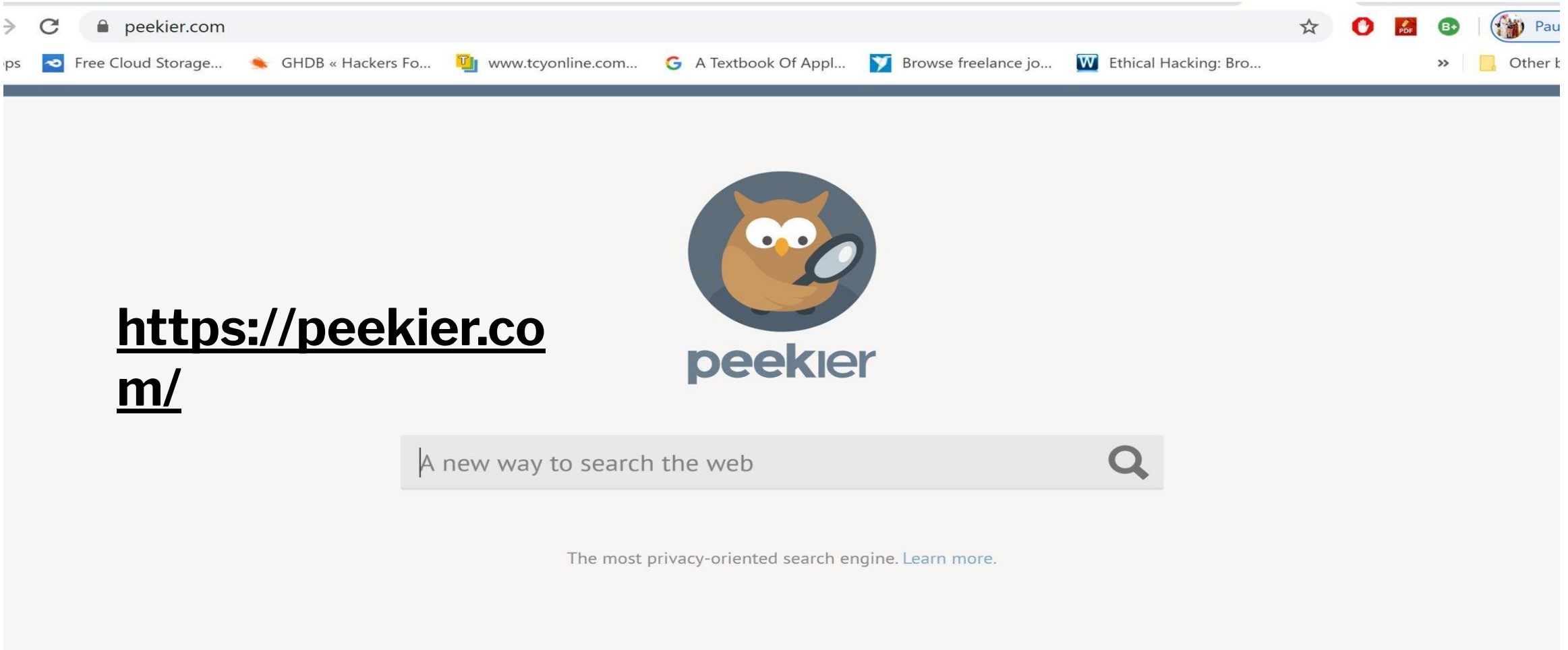


DUCKDUCKGO – SEARCH ANONYMOUSLY



https://duckduckgo.com/

PEEKIER – THE MOST PRIVACY ORIENTED SEARCH ENGINE



https://peekier.com/

EMAIL IS YOUR DIGITAL ADDRESS AND PASSWORD IS KEY TO MANY LOCKS

PASSCODE	HACKED BY COMPUTER	HACKED BY HAND
Four characters *numbers*	**7 minutes** *a likely scenario for the San Bernardino gunman's iPhone*	**208 days** *with the forced delay for wrong guesses now used by Apple*
Four characters *alphanumeric (letters + numbers)*	**19 hours***	**29 days****
Four characters *alphanumeric + case-sensitive*	**7 days**	**8 months**
Six characters *numbers*	**11 hours**	**17 days**
Six characters *alphanumeric*	**103 years**	**33 months**
Six characters *alphanumeric + case-sensitive*	**72 years**	**2,700 years**

** Average time a computer would need to unlock a weakened iPhone (80 milliseconds per attempt, no forced delays)*
*** Average time a hacker would need to unlock a weakened iPhone by hand (three seconds per guess, no forced delays)*

https://fortune.com/2016/03/18/apple-fbi-iphone-passcode-hack/

PASSWORD – PASSPHRASES

- Passphrase - “**The road to success is always under construction!**” – Password can be **Trt$iauc!**
- **Passphrases are easier to remember.**
- **Passwords are relatively easy to guess or crack**
- **Passphrases are next to impossible to crack**
- **Ensure that the phrase you will be choosing not a common or popular quote or song that can be easily guessed by someone who knows you.**
- **REMEMBER – PASSWORD IS THE KEY TO YOUR DIGITAL DOOR. BE CAREFUL!! HACKER MAY BE YOUR KNOWN !!**

SAFE SURFING PRACTICES

- Do not fall for lucrative offers/discounts as they might be coming from unknown source and it may not be reliable. Ignore/delete those mails
- Do not reply to emails from unknown sender even if it looks like a genuine email
- Do not provide personal information like name, date of birth, school name, address, parent's names or any other information
- Do not open attachments or click on links from unknown senders, since they may contain malicious files that might affect your device. Only click the links and downloads from websites that you trust
- Beware of phishing websites - check the URL to confirm if the website is secure. Check for **Cyrillic characters** in website address, these are available now.
- Do not forward spam or suspicious emails to others .

a	father
b	baby
v	vivid

TIPS TO USE FREE TOOLS / SOFTWARE

- Don’t download the stuff which asks for Payment details.
- Check for the website authenticity.
- Don’t register with the same ID you are using for Online transactions or associated with your phone.
- Create another ID to use such kind of apps.
- Some apps require organisational IDs which we don’t use for any kind of payment .
- Check for Malware while downloading software.

Be Alert on Social Media

Facebook Fun Apps

Verify fake apps

Check for any Subscription

Think before you Click

FAKE NEWS

No! This order is not issued by NIC
NIC राष्ट्रीय सूचना विज्ञान केंद्र National Informatics Centre
NO.2(01)/2020-Pers.III
Government of India
National Informatics Centre
National Informatics Centre A-Block, Lodhi Rd, CGO Complex
Delhi-110 003
OFFICE MEMORANDUM
Subject: Prohibition of Chinese Applications from Google Play store and App Store under C-Accordance D-98 letter 339 on absorption basis by Meity –reg
It is hereby directed to the Regional Executive and representatives of Google India Pvt ltd. (Miss Neha Agarwal) and Apple India Pvt.ltd.(Mr. Anuj Kr Reddy) that as per the instructions of Ministry of Electronics and Information Technology Letter-1919/3903/A Dated -17.06.2020, Under the Information technology Act 2000 Vol.2 Para – I and III the Government of India Instructs you to restrict the functioning of Chinese Applications from the respective stores with immediate affect
compromising the sovereignity of the Country.
LiveMe
Bigo Live
Vigo Video
BeautyPlus
CamScanner
Clash of Kings
Mobile Legends
Tik Tok
ClubFactory
Shein
Romwe
AppLock
Club Factory
VMate
Game of Sultans
FAKE
Copy to
Moity
Shri Anand Sagar Negi
Principal Secretary
#PIBFactCheck
To check if any Central Govt. related Policy/Schemes is a Fact or not.
Contact Us @PIBFactCheck 8799711259 /PIBFactCheck pibfactcheck@gmail.com

FAKE
TIMES FACT CHECK
India.
Hotels,restaura resorts all over remain closed till 15-october 2020 due to coronavi ease spread all over the world.
ord ctly came from Indian tourism department.
And most important north Indian hotels, resort, restaurants will closed till the date.

FAKE NEWS IDENTIFICATION CHECKLIST

CHECK PUBLISHER'S AUTHENTICITY	CHECK THE NEWS PUBLICITY STANDARD	VERIFY DOMAIN/NUMBER/EMAIL/SENDER PROFILE
INTENTIONS AFTER THE NEWS	WHO IS AUTHOR OF NEWS OR WHO FORWARDED YOU	NOTICE THE SPELLING / CHARACTERS
CHECK CURRENT OR OLD	CHECK RESOLUTION OF MULTIMEDIA	CLICKBAIT TRICK – CHECK ANY LINK ATTRACTING TO LARGE VISITORS

Cyber Hygiene Tips

- SELF ISOLATE YOUR DATA
- MONITOR YOUR ACCOUNTS AND PASSWORDS
- PRACTICE SOCIAL DISTANCING FROM UNKNOWN SENDERS
- USE PROTECTIVE EQUIPMENTS SUCH AS ANTIVIRUS
- AVOID CONTACT WITH SUSPICIOUS MAIL OR MESSAGES
- CLEAN YOUR COMPUTER AND MOBILE DEVICES

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HOW TO REPORT CYBER CRIME

Childline 1098

Ncpcr

http://www.ncpcr.gov or

http://www.ncpcr.gov.in/index2.php. It will navigate to a page with the window having a short animation film.

हिन्दी

गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS
सत्यमेव जयते

https://cybercrime.gov.in

National Cyber Crime Reporting Portal

स्वच्छ भारत
एक कदम स्वच्छता की ओर

Indian Cyber Crime Coordination Centre

HOME | REPORT WOMEN/CHILD RELATED CRIME | REPORT OTHER CYBER CRIME | RESOURCES | CONTACT US | HELPLINE

I dream of a Digital India where cyber security becomes an integral part of our National Security.

— Narendra Modi —

Filing a Complaint on National Cyber Crime Reporting Portal

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Cyber Safety and Security

Guideline for School

Be safe in cyber world ...

Be Safe in Cyber World

DO's & DON'Ts

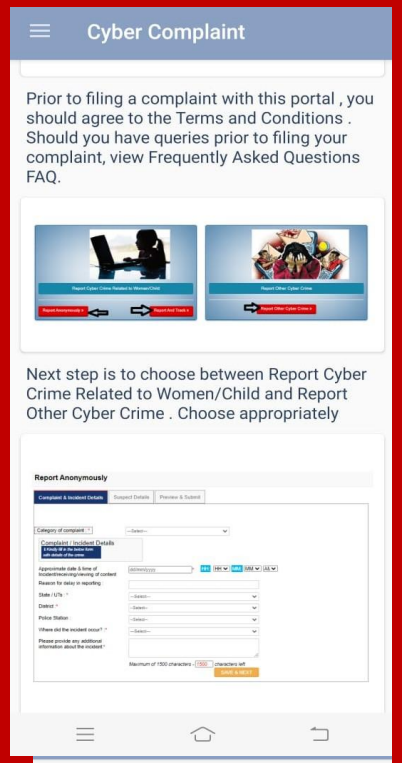
for Students

CYBER Safety

HANDBOOK FOR STUDENTS OF SECONDARY & SENIOR SECONDARY SCHOOLS

Cyber Peace Foundation

Cyber Security Guide – Android App



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https://images.app.goo.gl/pkp342gSofbEzj7c7

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