



ONLINE
SAFETY

Presented by
Boone County Sheriff's
Office Detectives
Boone County Sheriff's
Office Electronic Crimes
Unit

Boone County
Commonwealth
Attorney's Office

Boone County Police
Social Workers

BOONE COUNTY SHERIFF'S OFFICE

ELECTRONICS AND INTERNET SAFETY TALK

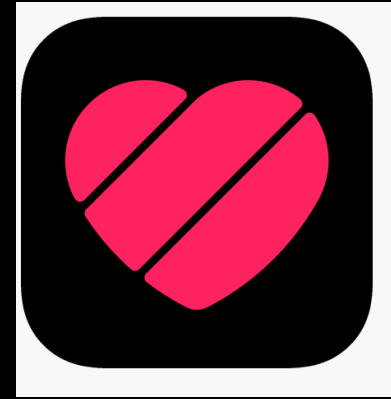
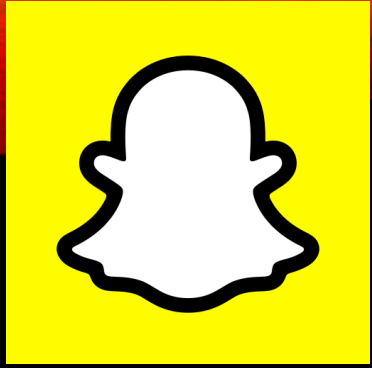
OUR OBJECTIVES

Our goal here is to assist you.

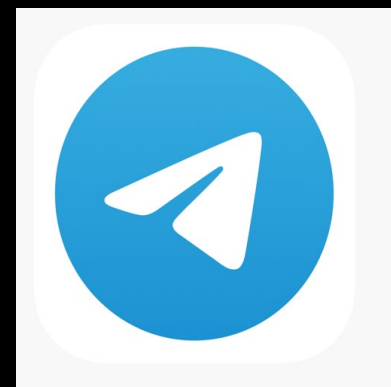


We plan to focus on

Applications	Internet Use	Parental Controls	What you as a parent should be looking for... <ul style="list-style-type: none">•Grooming, Mental Health Affects	Multiple Case Studies	At the end we will have a Q and A time
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Apps to look for:



FIFTEEN APPS

PARENTS SHOULD KNOW ABOUT

MEETME



MEETME IS A DATING SOCIAL MEDIA APP THAT ALLOWS USERS TO CONNECT WITH PEOPLE BASED ON GEOGRAPHIC PROXIMITY. AS THE APP'S NAME SUGGESTS, USERS ARE ENCOURAGED TO MEET EACH OTHER IN PERSON.

GRINDR



GRINDR IS A DATING APP GEARED TOWARDS GAY, BI AND TRANSGENDER PEOPLE. THE APP GIVES USERS OPTIONS TO CHAT, SHARE PHOTOS AND MEET UP BASED ON A SMART PHONE'S GPS LOCATION.

SKOUT



SKOUT IS A LOCATION-BASED DATING APP AND WEBSITE. WHILE USERS UNDER 17-YEARS-OLD ARE UNABLE TO SHARE PRIVATE PHOTOS, KIDS CAN EASILY CREATE AN ACCOUNT USING A DIFFERENT AGE.

WHATSAPP



WHATSAPP IS A POPULAR MESSAGING APP THAT ALLOWS USERS TO SEND TEXTS, PHOTOS, MAKE CALLS AND VIDEO CHATS WORLDWIDE. WHATSAPP USES AN INTERNET CONNECTION ON SMART PHONES AND COMPUTERS.

TIKTOK



TIKTOK IS A NEW MOBILE DEVICE APP POPULAR WITH KIDS USED FOR CREATING AND SHARING SHORT VIDEOS. WITH VERY LIMITED PRIVACY CONTROLS, USERS ARE VULNERABLE TO BULLYING AND EXPLICIT CONTENT.

BADDOO



BADDOO IS A DATING AND SOCIAL NETWORKING APP WHERE USERS CAN CHAT, SHARE PHOTOS AND VIDEOS AND CONNECT BASED ON LOCATION. WHILE THE APP IS INTENDED FOR ADULTS ONLY, TEENS ARE KNOWN TO CREATE PROFILES.

BUMBLE



BUMBLE IS SIMILAR TO THE POPULAR DATING APP 'TINDER' HOWEVER, IT REQUIRES WOMEN TO MAKE THE FIRST CONTACT. KIDS HAVE BEEN KNOWN TO USE BUMBLE TO CREATE FAKE ACCOUNTS AND FALSIFY THEIR AGE.

SNAPCHAT



SNAPCHAT IS ONE OF THE MOST POPULAR APPS IN RECENT YEARS. WHILE THE APP PROMISES USERS CAN TAKE A PHOTO/VIDEO AND IT WILL DISAPPEAR, NEW FEATURES INCLUDING 'STORIES' ALLOW USERS TO VIEW CONTENT FOR UP TO 24

KIK



KIK ALLOWS ANYONE TO CONTACT AND DIRECT MESSAGE YOUR CHILD. KIDS CAN BYPASS TRADITIONAL TEXT MESSAGING FEATURES. KIK GIVES USERS UNLIMITED ACCESS TO ANYONE, ANYWHERE, ANYTIME.

LIVE.ME



LIVE.ME IS A LIVE-STREAMING VIDEO APP THAT USES GEOLOCATION TO SHARE VIDEOS SO USERS CAN FIND OUT A BROADCASTER'S EXACT LOCATION. USERS CAN EARN 'COINS' AS A WAY TO 'PAY' MINORS FOR PHOTOS.

HOLLA



HOLLA IS A SELF-PROCLAIMED 'ADDICTING' VIDEO CHAT APP THAT ALLOWS USERS TO MEET PEOPLE ALL OVER THE WORLD IN JUST SECONDS. REVIEWERS SAY THEY HAVE BEEN CONFRONTED WITH RACIAL SLURS, EXPLICIT CONTENT AND MORE.

WHISPER



WHISPER IS AN ANONYMOUS SOCIAL NETWORK THAT PROMOTES SHARING SECRETS WITH STRANGERS. IT ALSO REVEALS A USER'S LOCATION SO PEOPLE CAN MEET UP.

ASK.FM



ASK.FM IS KNOWN FOR CYBER BULLYING. THE APP ENCOURAGES USERS TO ALLOW ANONYMOUS PEOPLE TO ASK THEM QUESTIONS.

CALCULATOR%



CALCULATOR% IS ONLY ONE OF SEVERAL SECRET APPS USED TO HIDE PHOTOS, VIDEOS, FILES AND BROWSER HISTORY.

HOT OR NOT



HOT OR NOT ENCOURAGES USERS TO RATE YOUR PROFILE. CHECK OUT PEOPLE IN THEIR AREA AND CHAT WITH STRANGERS. THE GOAL OF THIS APP IS TO HOOK UP.

Navigating Apps: The Caregiver's List of Apps

Dating Apps

A dating app is meant to connect adults, but can be risky for children/teens due to exposure to inappropriate content and potential predators, who might seek to exploit or harm them.



Zoosk



Tumblr



Tinder



Skout



Plenty of Fish



Periscope



Grindr



Bumble



Moco



Hoop



Badoo



Hot or Not

Gaming Apps

A mobile gaming app lets users play games on their devices, but for kids, it can be risky due to potential in-game purchases, inappropriate content, and interactions with strangers.



Roblox



WildCraft



XBOX LIVE

Chat Apps

A chat app allows users to communicate through text, voice, or video messages. For kids, it can be dangerous due to risks like exposure to inappropriate content and interactions with strangers who may have harmful intentions.



WhatsApp



Yik Yak



Ask.fm



X (Twitter)



TikTok



Omegle



Whisper



MeetMe



Monkey



LiveMe



Chatroulette



Instagram



Yubo



House Party



Hily



Snapchat



Discord



Kik



Facebook



Holla

Secret Apps

A secret app disguises itself to hide private information or activities. For kids, it's risky because it can conceal unsafe behavior and limit parental oversight.



Privault



Calculator%



Best Secret Folder



Audio Manager

This list is not all-inclusive, new apps are constantly emerging and evolving. Be aware that these and similar apps can potentially be exploited by online predators.(Updated 9/2024)

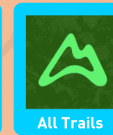
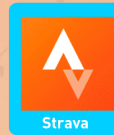
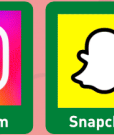
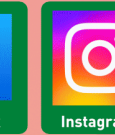
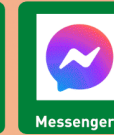
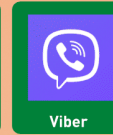
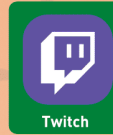
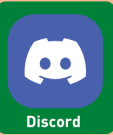
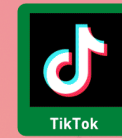


RISKY APPS FOR KIDS & ADULTS

Mental health + bullying
Hookups + sex

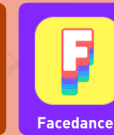
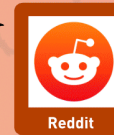
Data brokers
Internal tracking

Location exposure



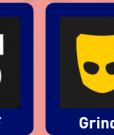
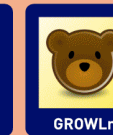
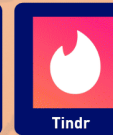
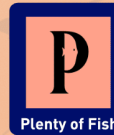
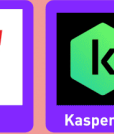
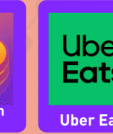
Fitness apps publicly show run/ride locations on a map, like frequent trails or your home.

Reddit is also browseable online and by apps like Apollo and Narwhahl.



CapCut is a video editing app by TikTok's parent, ByteDance.

Google apps, except Google Classroom, internally track every search, webpage, location, and video watched.



Dating Apps are common, but dozens exist for heterosexual people (left) and LGBTQ+ people (right). They can be a safe way to meet people, but aren't for kids or most teens.




Get helpful tips at susiesplace.org/riskyapps

What is Grooming?

BCSO Case

- 33 YO male & 12 YO female
- 26 YO male & 14 YO female

- 
- A vertical red abstract graphic on the left side of the slide, featuring overlapping, curved, semi-transparent shapes in various shades of red and orange, creating a dynamic, layered effect.
- Discord/Telegram
 - 764 Extremist Group
 - Sextortion
 - A form of child sexual exploitation where children are threatened or blackmailed, most often with the possibility of sharing with the public, nude or sexual images of them by a person who demands additional sexual content, sexual activity, or money from the child.
 - Victim often knows offender
 - Uses coercive tactics
 - Threats
 - Resources through NCMEC at [Takeltdown.NCMEC.org](https://www.takeltdown.ncmec.org) and [CyberTipline.org](https://www.cyberTipline.org)

What is ECU?
Who is this man?

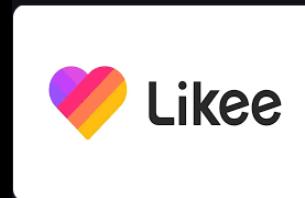
What is the difference
between a car and
an APP or cell phone
/ tablet?

What is Artificial
Intelligence?



What do APPs collect
and have access to?

What is 1.8 - 2.6
Million?

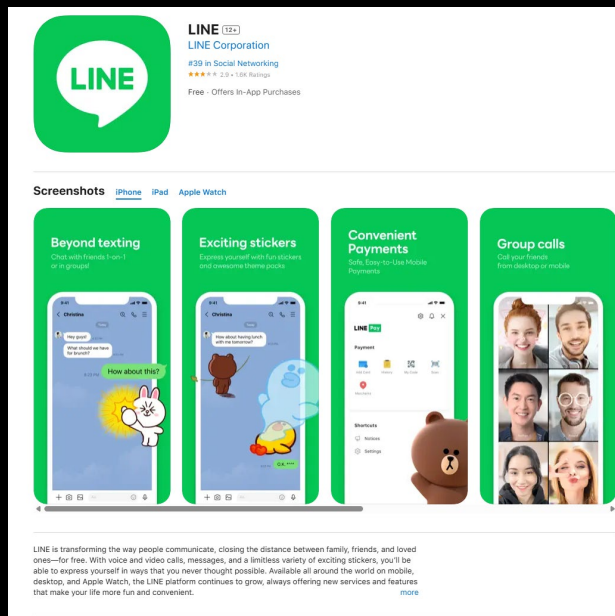


What did the grass
feel when it woke up
from winter?



CASE STUDY

- 9 YO live streaming nude video of herself



Third-Party Advertising

- Location
 - Precise Location
 - Coarse Location
- Contact Info
 - Email Address
 - Phone Number
- Search History
 - Search History
- Browsing History
 - Browsing History
- Identifiers
 - User ID
 - Device ID
- Usage Data
 - Advertising Data

Product Personalisation

- Purchases
 - Purchase History
- Location
 - Precise Location
 - Coarse Location
- Contact Info
 - Physical Address
- User Content
 - Audio Data
- Identifiers
 - User ID
- Usage Data
 - Product Interaction
 - Advertising Data
 - Other Usage Data
- Other Data
 - Other Data Types

App Functionality

- Purchases
 - Purchase History
- Location
 - Precise Location
 - Coarse Location
- Contact Info
 - Physical Address
 - Email Address
 - Name
 - Phone Number
 - Other User Contact Info
- Contacts
 - Contacts
- User Content
 - Emails or Text Messages
 - Photos or Videos
 - Audio Data
 - Gameplay Content
 - Other User Content
- Search History
 - Search History
- Identifiers
 - User ID
- Usage Data
 - Product Interaction
- Diagnostics
 - Crash Data
 - Performance Data
 - Other Diagnostic Data
- Other Data
 - Other Data Types

– QS LEFT TO
ANSWER?



What do APPS
collect and have
access to?

Just assume that all APPS
have the ability
to communicate with other
users.

Tik Tok / Likee



What is Artificial Intelligence?

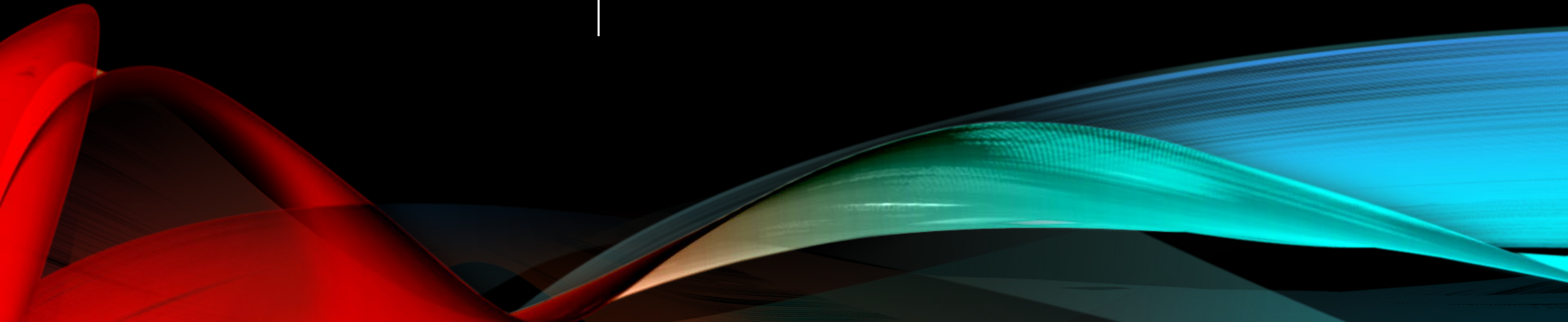


What is the difference between a
car and a cell phone?



What did the grass feel when it
woke up from winter?

HOW CAN YOU PROTECT
YOUR KIDS



KNOW ABOUT THE RISKS

- SEXTING
- CYBERBULLYING
- SHARING TOO MUCH
- ONLINE PREDATORS
 - ESTABLISH RULES
 - CURFEW, SCREEN TIME, NO DEVICES DURING MEALS
 - MONITOR
 - PROGRAMS OR ONLY USE IN A PUBLIC PLACE
 - ENGAGE
 - GAME WITH THEM, CHAT WITH THEM
 - CHAT IRL
 - TALK TO THEM IN REAL LIFE
 - DON'T TAKE IT
 - LIMIT ACCESS VS REMOVING IT ENTIRELY

SAFE DEVICES FOR PRETEENS

- **Safe Devices for Younger Kids** (PreTeen)
 - Gizmo Watch- GPS Tracking, Camera, communication, and limit who your children speak with, school mode \$15/month but specific to Verizon
 - Bark Watch- allows you to track your children all day, monitors texts, videos and photos, manage contacts, camera all for \$15/month
 - Gabb Watch- GPS Tracking, focus settings, communication, limited applications, no camera. \$19/Month

SAFE DEVICES FOR KIDS

- **Safe Devices for Teens**

- Bark Phone- tamper proof mobile device fully controlled by bark and the parent, it is \$29/month, Samsung Galaxy A13
- GABB Phone- GABB is great, they have two different devices for age groups. 9YO-14YO and 13YO-18YO. They focus on age specific content and functionality
 - Ranges from \$24.99/month to \$34.99/month
- Flip Phone?

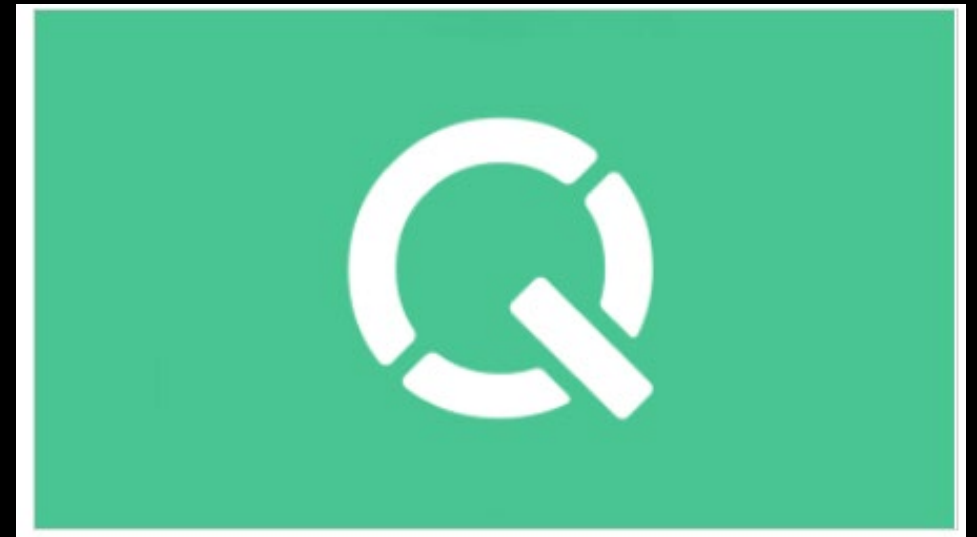
PARENTAL CONTROL APPLICATIONS

- **Bark** Is one of the best rated applications for parental controls
- Bark's app uses AI to scan your child's emails, social media profiles, texts, and media saved to their phone's camera roll for content that parents may find harmful. You can set up customized content monitoring to determine which apps and websites their children can access. Parents can also set up screen time schedules and use the app's geofencing capabilities to monitor their child's location throughout the day. (PCMAG)



PARENTAL CONTROL APPLICATIONS

- Custodio
- According to PC Mag Qustodio has nearly every feature an anxious parent wants, including robust content-blocking options and a detailed activity log. You handle all configuration and monitoring via Qustodio's online dashboard or the parent mode on its mobile apps.
 - Game Blocking
 - Screen Time
 - Web content filters
 - Geofencing
 - Shut off internet
 - Custom Alerts
 - Supports all devices including computers



BE INVOLVED, KNOW WHAT THEY ARE DOING

Use the parental controls available through Apple and Google Family Link

PBS Kids vs. Youtube Kids

Messenger Kids, Kinzoo Messenger, JusTalk Kids

Roblox/Minecraft vs. School Provided Applications

Approve Applications before they are downloaded

Keep Device Updated

Commonsensemedia.org

- Explains safe applications for kids, has parent guides

- What to expect if something happens
 - Next steps in an investigation
 - Report
 - Initial contact with detective
 - Schedule CAC interview for victim
 - Investigation
 - Subpoenas/search warrants for social media accounts
 - ECU (device examination)
 - Prosecution
 - County Attorney's Office
 - Commonwealth Attorney's Office

Unlawful Use of Electronic Means to Induce a Minor to Engage in Sexual Activities

- It shall be unlawful for any person to knowingly use a communications system, including computers, computer networks, computer bulletin boards, cellular telephones, or any other electronic means, for the purpose of:
 - (a) Procuring or promoting the use of a minor, including a peace officer, or a person working in coordination with law enforcement, posing as a minor if the person believes that the peace officer or the person working in coordination with law enforcement is a minor or is wanton or reckless in that belief;
 - for any activity in violation of KRS 510.040, 510.050, 510.060, 510.070, 510.080, 510.090, 510.110, 529.100 where that offense involves commercial sexual activity, or 530.064(1)(a), or KRS Chapter 531

POSSESSION OF MATTER PORTRAYING A SEXUAL PERFORMANCE BY A MINOR

A person is guilty of possession or viewing of matter portraying a sexual performance by a minor when, having knowledge of its content, character, and that the sexual performance is by a minor, he or she:

- (a) Knowingly has in his or her possession or control any matter which visually depicts an actual sexual performance by a minor person; or
- (b) Intentionally views any matter which visually depicts an actual sexual performance by a minor person
- *Distribution of matter portraying the sexual performance by a minor is a separate crime

POLICE SOCIAL WORKERS

- Technology and Child Development
- Social Media's Impact on Teen Mental Health
- Ways to Promote Healthier Media Usage



TECHNOLOGY AND CHILD DEVELOPMENT

NEGATIVE EFFECTS OF TECHNOLOGY ON CHILDREN



•Lack of attention span, aggressive behaviors, difficulty with emotional regulation



•Musculoskeletal problems related to a sedentary lifestyle



•Greater risk of lifetime obesity and cardiovascular disease

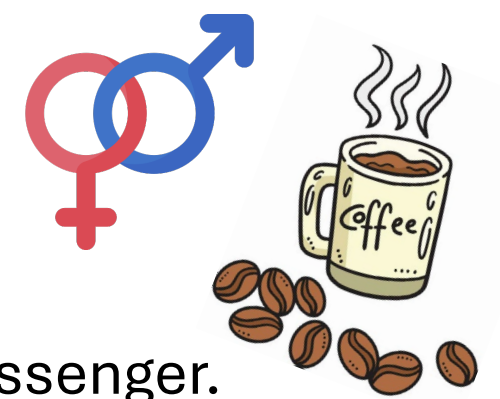


•Sleep disturbances and poor-quality sleep for children who overuse technology or keep devices in their bedroom



•loss of human connection, poor social skills

What is Dopamine?



Put simply, dopamine is a neurotransmitter or chemical messenger.

Your nervous system uses it to send messages between nerve cells.

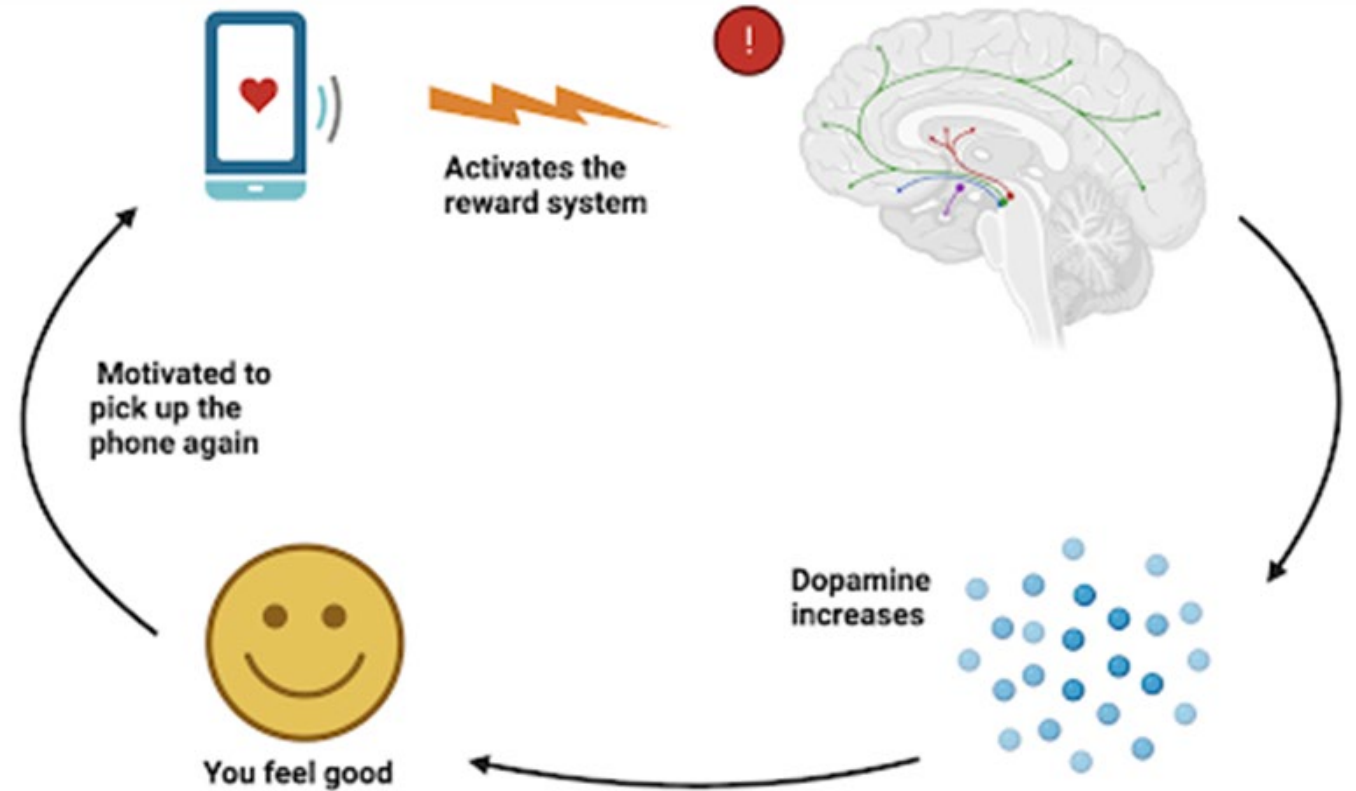
It's known as the “feel-good” chemical for the large role it plays in pleasure and motivation.

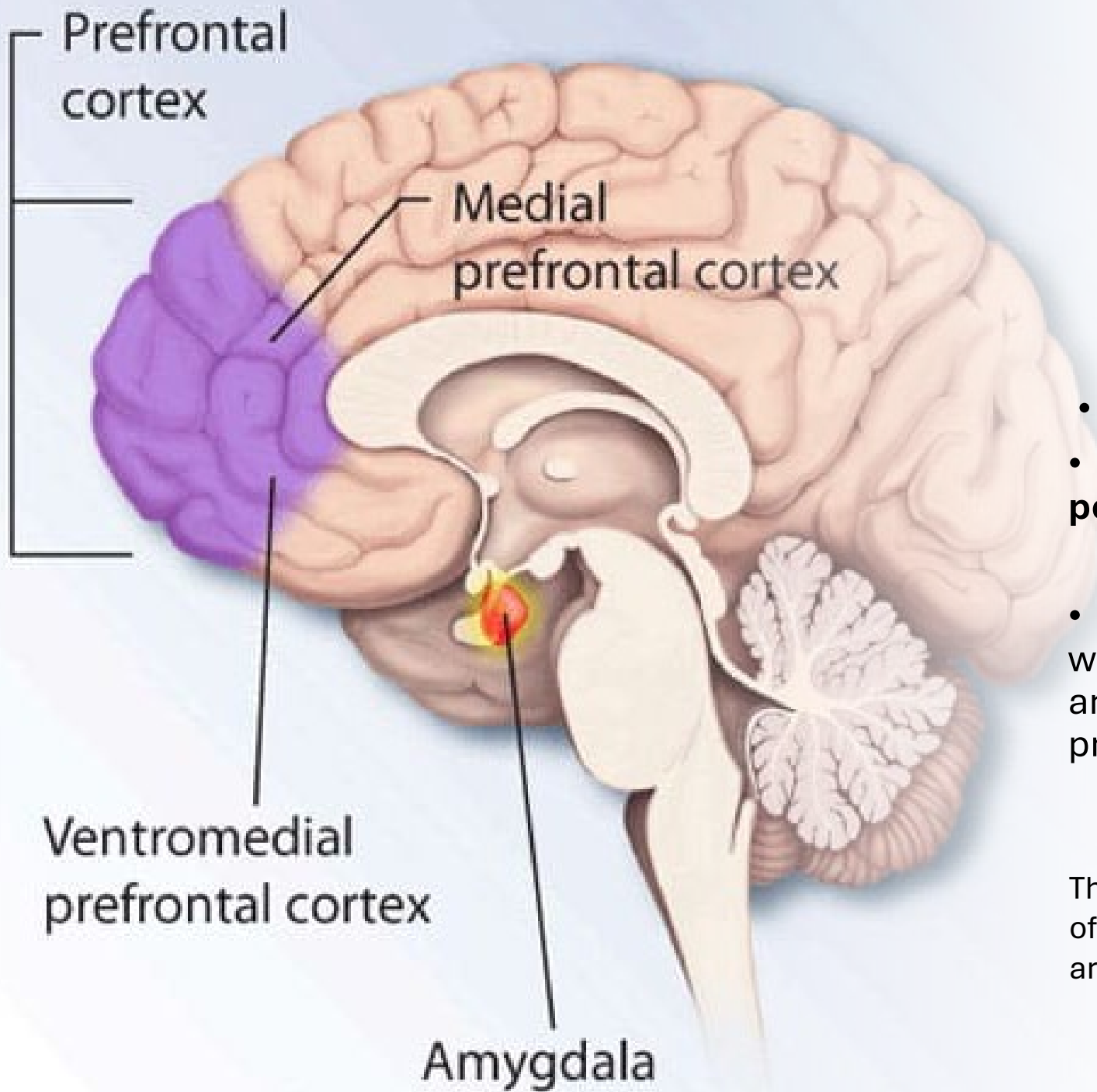
These rewards strengthen our motivation to repeat the activity or behavior. This positive reinforcement creates an addictive loop.



When it's in balance, it allows us to stay focused, motivated, and happy.

Dopamine imbalance is linked to mental health issues, like depression, and substance use disorders.





- **Prefrontal Cortex (PFC):**
- crucial for **executive functions, personality, and social behavior.**

• Planning, decision-making, working memory, impulse control, and higher-level cognitive processes.

The prefrontal cortex is one of the last areas of the brain to fully develop, typically around age 25.

INSTANT GRATIFICATION



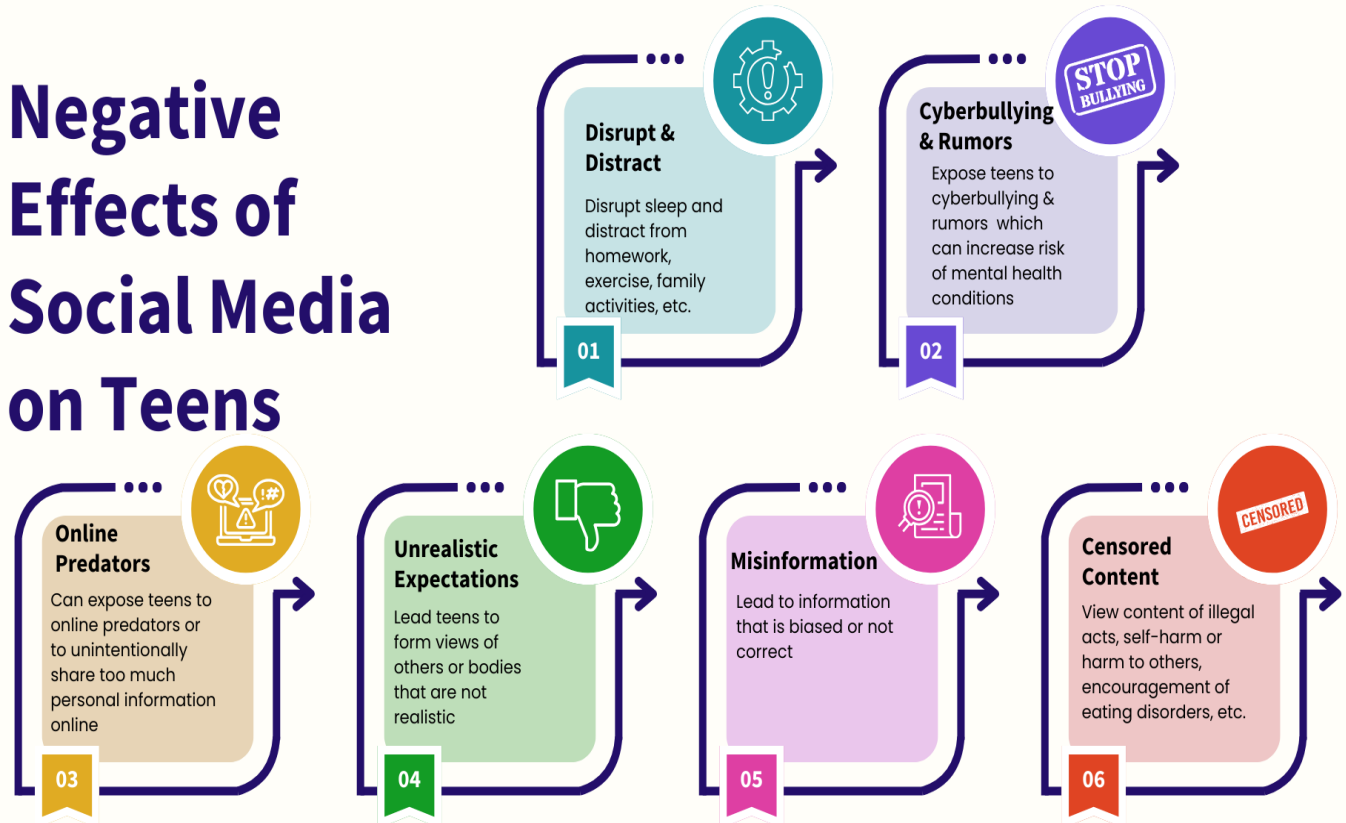
- **Instant Gratification from screens influences a child's emotional well-being. If your child becomes used to getting her desires fulfilled immediately on screens, it can lead to impatience and frustration in situations where instant gratification is not possible.**
- **When your child gets used to receiving immediate responses and quick fixes from digital devices, it can make it more challenging for them to focus on tasks that require sustained attention and effort.**



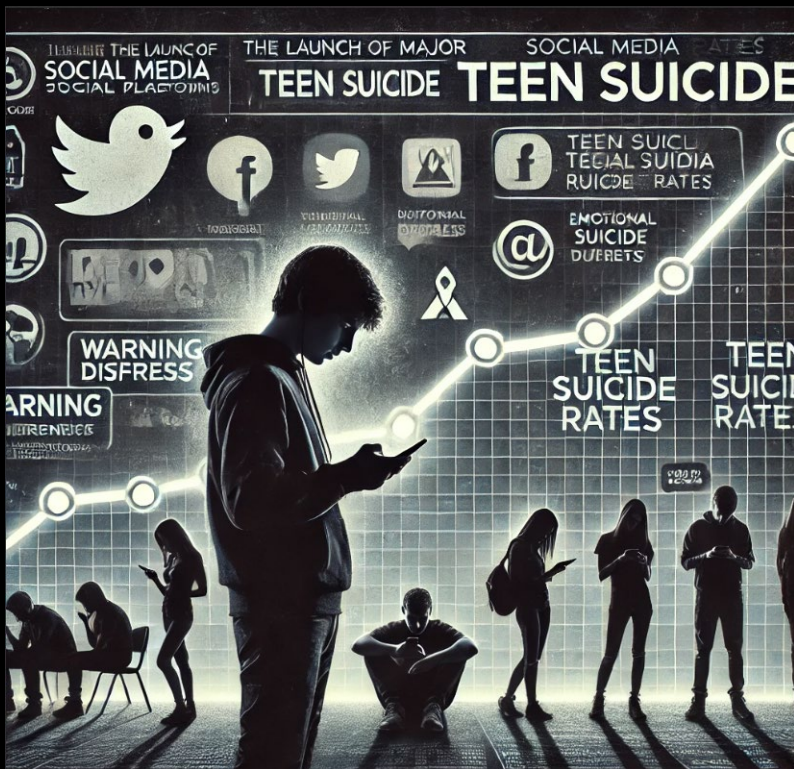
SOCIAL MEDIA EFFECTS ON TEENS

- Evidence shows increase in mental distress, self-injurious behavior, and suicidality among youth can be linked to smartphones and social media use.
- Youth engaging in heavy smartphone use and media multitasking can result in sleep deprivation, negative effects on cognitive control, decreased academic performance, and lower socioemotional functioning.

Negative Effects of Social Media on Teens



SOCIAL MEDIA EFFECTS ON TEENS



- The CDC reports suicide rates of youth aged 10-24 in the U.S has increased by 57% between 2007-2018, following the launch of several popular social media applications (Instagram, Snapchat, TikTok, etc.)
- Youth communicate thoughts of suicidality and self-harm behaviors online including images of self-inflicted injuries. Depiction of cutting on social media is common without warning of graphic content followed by comments from peers of positive feedback or personal disclosures of self-harm.

WAYS TO PROMOTE HEALTHY MEDIA USAGE

Model

- Model healthy boundaries with cell phones, tablets, etc.

Try

- Try to have an open discussion of sites/apps they use and what they use them for

Contemplate

- Contemplate alternatives to taking phone/internet away completely if possible

Think about

- Think about gifts away from electronics (a video game vs. Concert/event)

Set

- Set specific days/times away from cell phones (e.g. family dinner; movie night)

Use

- Use digital tools to limit certain access to apps/sites that are unsafe

Utilize

- Utilize a personalized family media plan as a whole family
- <https://www.healthychildren.org/English/fmp/Pages/MediaPlan.aspx>

QUESTIONS

BCS@boonecountyky.org