Survey on Parents' Password Practices and Involvement in Their Children's Password Usage

About Your own password practices

1. Think about all of the computers or other devices (like game consoles) **your family uses** (not work-related), how many of them require **passwords** to access?

Personal computer or device	Number of computers or devices (If none, enter "0")	How many require passwords? (If none, enter "0")
Desktop computers	_____	_____
Laptop computers	_____	_____
Tablets (such as iPad)	_____	_____
Cell phones	_____	_____
Game consoles (such as XBox, Playstation, Wii)	_____	_____
Smart TVs	_____	_____

Other computers or devices – please specify _____

2. Of your **personal accounts** (not work-related), how many require **passwords** to access?

Personal accounts	How many require passwords? (If none, enter "0")
Emails	_____
Social media (such as Facebook, Twitter, Snapchat, Instagram)	_____
Banking online	_____
Shopping online	_____
Bill payment online	_____
Entertainment online (such as videos, movies, music)	_____
Games online	_____
Accounts related to my children's activities (such as schools, extracurricular activities)	_____

Other accounts– please specify _____

3. About how many **personal passwords** (not work-related) do you have? _____

3-a. When **creating** your personal passwords, how **important** are these considerations to you?

	Important	Neutral	Not important
Easy to remember	O	O	O
Easy to type/enter	O	O	O
Strong (hard to guess/crack)	O	O	O
Be the same as my other passwords	O	O	O

4. When **creating** your personal passwords, do you use **password generators** (that can generate passwords for you) available online or in apps?

    ○ Always
    ○ Sometimes
    ○ Never, although I know about the existence of those password generators
    ○ Never, I don't know the existence of those password generators

5. How do you **keep track** of your personal passwords? (check all that apply)

    ☐ Memorize the passwords
    ☐ Let browser/device save passwords and auto-fill
    ☐ Use mnemonics (such as meaningful or pronounceable phrase)
    ☐ Someone else remembers for me (such as a family member or friend)
    ☐ Write entire password on paper, placed in a **non-locked** location
    ☐ Write entire password on paper, placed in a **locked** location
    ☐ Write on paper, but **disguise** in some way (such as only the common word without the special characters)
    ☐ Save in a file, protected with encryption or password
    ☐ Save in a file, not protected (without password)
    ☐ Save in emails
    ☐ Use password management software (such as LastPass, 1Password, Keychain Access, Password Safe)
    ☐ Do not track, consistently use "forgot password" feature
    ☐ Other – please specify _____

6. How often do you **change** your personal passwords?

    ○ About every 30 days
    ○ Between 31 and 60 days
    ○ Between 61 and 90 days
    ○ Between 91 and 120 days
    ○ Between 121 and 180 days
    ○ Only when it is necessary (such as password change required, password forgotten, password expired, password stolen)
    ○ It depends on the type of accounts – please describe how you update passwords for different types of accounts

7. Let's say your family doctor just informed you that you can access your **family's medical records** on their website. But, you need a password to use it. Please make up a new password that you might use to access your doctor's website. <u>Note</u>: **Please do not use any of your real passwords**.

Use the **strategies** you typically would and **create a password**:

Your children's password practices

8. How **many Kindergarten (K) to 12th grade children** are there in your household under your care (that is, you are the legal guardian)? _____

 8-a. For each child, indicate his/her grade and sex:

 Child 1 Grade: _____ (K to 12th grade)

 Sex: O Male   O Female

 Child 2 Grade: _____ (K to 12th grade)

 Sex: O Male   O Female

 Child 3 Grade: _____ (K to 12th grade)

 Sex: O Male   O Female

 Child 4 Grade: _____ (K to 12th grade)

 Sex: O Male   O Female

For each of your children who are between K and 12th grade, please answer the following questions.

Child 1

9. What kinds of **online activities** does this child engage in? (check all that apply)

- School related (such as Google ClassRoom, Edline)
- Online learning (such as PBS.org, Scholastic.com, IXL.com)
- Extracurricular activity related (such as sports team site, clubs)
- Emails
- Online games
- Social media (such as Facebook, Twitter, Snapchat, Instagram)
- Entertainment (such as Youtube)
- Internet search (such as using Google, Yahoo, Bing)
- Other – please specify _____

10. What **computers or devices** does this child use for his/her **online activities**? (check all that apply)

- This child has his/her **own** computers or devices
- Uses computers or devices **shared** among family members
- Uses computers or devices **owned by others** (such as friends or relatives)
- Uses computers or devices at **school**
- Uses computers or devices in a **public setting** (such as public library)
- Uses computers or devices at the place where this child **works**
- Other – please specify _____

11. About how **many passwords** does this child have (including all passwords such as for: computers or devices at home; school computers; online activities)?

        _____ (give your best estimate)

12. Do you **help** this child **create** his/her passwords?

- ○ Always
- ○ Sometimes
- ○ Never, why not? _____

> ***12-a.*** How do you **help** your child create his/her passwords? (check all that apply)
>
> - I create passwords **for** this child.
> - This child and I work **together** to create his/her passwords.
> - I only give this child **guidance,** but he/she **creates** the passwords.
> - Other – please specify _____
>
> > ***12-a-1.*** You've selected more than one option above. Describe why you help in different ways.
> >
> > | |
> > |---|
> > | |
>
> ***12-b.*** When you **help** this child create passwords, how **important** are these **considerations** to you?

	Important	Neutral	Not important
Easy to remember	○	○	○
Easy to type/enter	○	○	○
Strong (hard to guess/crack)	○	○	○
Be the same as the child's other passwords	○	○	○

13. Do you **help** this child **keep track** of his/her passwords?

○ Always

○ Sometimes

○ Never, why not? _____

If you select "Always" or "Sometimes",

13-a. How do you **help** this child keep track of his/her passwords? (check all that apply)

- I have a **list** (paper or electronic) of this child's passwords.
- I **memorize** this child's passwords.
- I have **this child create a list of passwords** and he/she is responsible for keeping the list.
- I give this child **guidelines** on how he/she should keep track of the passwords.
- Other – please specify _____

[Questions 9 to 13 will be repeated for each child between K and 12th grade in the household.]

General Thoughts

14. Has helping your children with their passwords **changed** your own password practices?

○ Yes
○ No

    14-a. If "**Yes**," describe how your password practices have changed.

    ┌─────────────────────────────┐
    └─────────────────────────────┘

    14-b. If "**No**," why not?

    ┌─────────────────────────────┐
    └─────────────────────────────┘

15. If you need more **information or guidance** on passwords, **where** would you go? (check all that apply)
- ☐ Family members (such as spouse, relatives)
- ☐ Friends
- ☐ Customer service from my Internet provider
- ☐ Websites where I create the accounts and passwords for
- ☐ Internet search (such as using Google, Yahoo, Bing)
- ☐ Media (such as news, blogs)
- ☐ Paid technical support services
- ☐ Public library
- ☐ My child's school
- ☐ Government agencies that provide cyber security guidance (such as Homeland Security, FBI)
- ☐ Other – please specify _____

    15-a. For each source of guidance you selected above, how **effective** is the source in providing you with guidance on passwords?

	Effective	Neutral	Not effective
Family members (such as spouse, relatives)	○	○	○
Friends	○	○	○
Customer service from my Internet provider	○	○	○
Websites where I create the accounts and passwords for	○	○	○
Internet search (such as using Google, Yahoo, Bing)	○	○	○
Media (such as news, blogs)	○	○	○
Paid technical support services	○	○	○
Public library	○	○	○
My child's school	○	○	○
Government agencies who provide cyber security guidance (such as Homeland Security, FBI)	○	○	○
Other (you specified above)	○	○	○

16. Other than username and password, what will be **better ways** for your children to sign in?

    _____

17. Is there anything else that you would like to share with us about this topic? _____

Demographic Information

1. Sex
    ○ Male   ○ Female

2. What **year** were you **born**? _____

3. What is your highest level of **education?**
    ○ Less than high school   ○ Master's degree
    ○ High school or equivalent   ○ Doctoral Degree
    ○ Associates Degree   ○ Professional Degree (such as M.D., J.D.)
    ○ Bachelor's Degree   ○ Other, please specify _____

4. What is your **occupation**? _____

5. On average, how many **hours daily** do you spend on **computers** and **devices** (including desktop, laptop, tablet, and smartphones)?
    ○ Less than 1 hour
    ○ Between 1 and 3 hours
    ○ Between 3 and 5 hours
    ○ Between 5 and 7 hours
    ○ Between 7 and 9 hours
    ○ More than 9 hours

6. Tell us about **your experience with different kinds of technology** (including desktop or laptop computers, tablets, smartphones, and the Internet).
    ○ I have limited experience using technology and I don't know much about how technology works.
    ○ I have some knowledge about how technology works, but often need to ask for help to perform more advanced activities – such as to configure the privacy settings on my cell phone.
    ○ I can do most things that I want to do with technology and only need help occasionally.
    ○ I can do all things that I want to do with technology without help from others.

7. In general, when do you **adopt new technologies**?
    ○ I try the latest technologies as soon as they come out.
    ○ I follow technology trends.
    ○ I let others work out the kinks first.
    ○ I wait until my old technology dies.
    ○ I only adopt new technologies when it's required.