

# Cybersecurity Awareness Month 2022: Elementary Lessons



## Cybersecurity Awareness 2022 Lesson:

In this resource you will find 4 cybersecurity lessons geared towards students in grades K-5. There will be 4 lessons and activities for the following grade bands:

- K-1
- 2-3
- 4-5

## How to Implement:

- Option 1: You can fit one lesson in per week for 4 weeks in October.
- Option 2: You can do all lessons in one week that is dedicated to cybersecurity.
- Option 3: Do what ever works for your class!! (These options are just suggestions.)

## Show Off Your Students' Learning

If you would like to show how your students are learning about cybersecurity, please feel free to email us student work or classroom pictures to [thecs4ms@gmail.com](mailto:thecs4ms@gmail.com). We would love to see what your students are learning about cybersecurity in October.

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Kindergarten & 1st Grade	
Website(s)	<ul style="list-style-type: none"> <li>• <a href="#">Common Sense: K-1</a> (you will need to create a FREE account)</li> </ul>
Materials	<ul style="list-style-type: none"> <li>• <a href="#">Technology Coloring Pages</a></li> <li>• <a href="#">Cut Out Glasses Templates</a></li> </ul>
Time Needed	<ul style="list-style-type: none"> <li>• Day 1: 30 min</li> <li>• Day 2: 25 min</li> <li>• Day 3: 45-50 min</li> <li>• Day 4: 30+ min</li> </ul>
Lesson Plan	<p>** The following includes posters and activities that are found on <a href="#">Teachers Pay Teachers</a>. You will need a FREE subscription to access these FREE resources. **</p> <p>Lesson 1: <a href="#">Online Safety Poster (Kindergarten and 1<sup>st</sup> grade)</a></p> <ul style="list-style-type: none"> <li>- Display the online safety poster and talk with your students about how to be safe when they use technology such as computers, smartphones, and tablets.</li> <li>- Allow students to choose one of the technology coloring pages. They can color the technology and even draw what they would be looking at if they were using the device.</li> </ul> <p>Lesson 2: (Kindergarten)</p> <ul style="list-style-type: none"> <li>- Common Sense Education <a href="#">Media Balance is Important</a></li> <li>- Watch the Media Balance Is Important video</li> <li>- Explore: Keep Your Balance</li> <li>- Reflect: Pause &amp; Think Moment</li> </ul> <p>Lesson 3: (Kindergarten)</p> <ul style="list-style-type: none"> <li>- Common Sense Education <a href="#">Safety in My Online Neighborhood</a></li> </ul>

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- Watch My Online Neighborhood video
- Read: Safety, It Rules!
- Explore: Internet Field Trip
- Reflect: Pause & Think Online

## Lesson 2: (1<sup>st</sup> Grade)

- Common Sense Education [Pause & Think Online](#)
- Watch Pause & Think Online Video
- Explore Head to Toe
- Reflect Pause & Think Moment

## Lesson 3: (1<sup>st</sup> grade)

- Common Sense Education [Internet Traffic Light](#)
- Explore: Go! Caution! Stop!
- Read: Internet Traffic Light
- Play: Traffic Light Game
- Reflect: Pause & Think Moment

## Lesson 4:

- [Be a Cyber Hero! slides](#)
- [Be a Cyber Hero! PDF](#)
- Talk with your students about the qualities for cyber security heroes.
- Have your students choose one of the coloring sheets from the PDF to complete. (Choose the coloring sheet that is most appropriate for your kindergarten or 1<sup>st</sup> grade students.)

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2nd - 3rd Grade Cybersecurity Month Lesson Guide	
Website(s)	<ul style="list-style-type: none"> <li><a href="https://www.netsafeutah.com/">netsafeutah</a></li> </ul>
Materials	<ul style="list-style-type: none"> <li><a href="#">Security Cat's Super Awesome Activity Book (Lower Elementary)</a></li> <li><a href="#">Cut Out Glasses Templates</a></li> </ul>
Time Needed	<ul style="list-style-type: none"> <li>Day 1: 25 min</li> <li>Day 2: 60-75 min</li> <li>Day 3: 60-75 min</li> <li>Day 4: 60-75 min</li> </ul> <p>Ideas for implementation:</p> <ul style="list-style-type: none"> <li>Do one lesson each week for all four weeks during Cybersecurity month.</li> <li> <ul style="list-style-type: none"> <li>Ex: There will be a lesson every Friday during the month of October.</li> <li>Ex: (If during a rotational period) Every week during computer science time, one lesson will be implemented.</li> </ul> </li> <li>Do all lessons during one week in October.</li> <li>Implement the lessons however best fits in the student / teacher schedule.</li> </ul>
Lesson Plan	<ul style="list-style-type: none"> <li><b><u>Lesson 1: NetSafe Episodes (25 min)</u></b> <ul style="list-style-type: none"> <li>Show the following video clips and follow the prompts:</li> <li><a href="#">NetSafe Episode 1: What is the Internet?</a> (2:24 min)           <ul style="list-style-type: none"> <li>How big is the Internet and is it part of the real world?</li> <li>What are good things on the Internet?</li> <li>Is the Internet made only for kids?</li> </ul> </li> <li><a href="#">NetSafe Episode 2: What is Personal Information?</a> (2:23 min)</li> </ul> </li> </ul>

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- What is personal information?
- What are some examples of personal information?
- Should Molly give her personal information to someone she doesn't know?
- Should Molly give her personal information to her teacher for a field trip?
- [NetSafe Episode 3: Tell and Adult](#) (2:03 min)
  - What do you do if something on the Internet makes you feel bad or uncomfortable?
  - Who is an adult you can trust?
  - What if someone you know does something that makes you feel uncomfortable or scared?
- [NetSafe Episode 4: Be Kind Online](#) (1:58 min)
  - How should we treat others?
  - Should we treat others on the Internet the same way we treat others in the real world?
  - Mike is having trouble with a game on the Internet. What should Molly do?
  - What is the best thing to do on the Internet?
- [NetSafe Pledge](#)

## **Lesson 2: The Internet and Cyber Crime (60-75 min)**

- Show slides 1 - 16 of [Cybersecurity Awareness Presentation 2022](#)
- Choose 1 or 2 coloring pages from [Security Cat's Super Awesome Activity Book \(Lower Elementary\)](#) for your students to color.

## **Lesson 3: Being SMART and SAFE Online (60-75 min)**

- Show slides 17 - 37 of [Cybersecurity Awareness Presentation 2022](#)
- Choose 1 or 2 coloring pages from [Security Cat's Super Awesome Activity Book \(Lower Elementary\)](#) for your students to color.

## **Day 4: Cybersecurity Poster (60-75 min)**

# Cybersecurity Awareness Month 2022: Elementary Lessons

- The theme for Cybersecurity Month 2022 is “See Yourself In Cyber”. (Glasses Activity)
  - Print the cut out glasses found at the following link, or a link of your choosing. Allow students to decorate their glasses, cut them out, and assemble them.
  - [Cut Out Glasses Templates](#)
- Cybersecurity Poster
  - Give students a blank piece of copy paper or construction paper.
  - Let students decorate their own poster that shows something that they've learned this month about cybersecurity.

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4th - 5th Grade Cybersecurity Month Lesson Guide	
Website(s)	<ul style="list-style-type: none"> <li>• <a href="https://www.netsafeutah.com/">netsafeutah</a></li> </ul>
Materials	<ul style="list-style-type: none"> <li>• <a href="#">Epic Cyber Hero Handbook</a></li> <li>• <a href="#">Cut Out Glasses Templates</a></li> </ul>
Time Needed	<ul style="list-style-type: none"> <li>• Lesson 1: 20-25 min</li> <li>• Lesson 2: 60-75 min</li> <li>• Lesson 3: 60-75 min</li> <li>• Lesson 4: 60-75 min</li> </ul> <p>Ideas for implementation:</p> <ul style="list-style-type: none"> <li>• Do one lesson each week for all four weeks during Cybersecurity month.               <ul style="list-style-type: none"> <li>○ Ex: There will be a lesson every Friday during the month of October.</li> <li>○ Ex: (If during a rotational period) Every week during computer science time, one lesson will be implemented.</li> </ul> </li> <li>• Do all lessons during one week in October.</li> <li>• Implement the lessons however best fits in the student / teacher schedule.</li> </ul>
Lesson Plan	<ul style="list-style-type: none"> <li>• <b><u>Lesson 1: NetSafe Episodes (20-25 min)</u></b> <ul style="list-style-type: none"> <li>○ Show the following video clips and follow the prompts:</li> <li>○ <a href="#">NetSafe Episode 5: Cyberbullies are No Fun!</a> <ul style="list-style-type: none"> <li>▪ What is cyberbullying?</li> <li>▪ When can cyberbullying happen?</li> <li>▪ What does Big Mike do to cyber-bully Alex?</li> <li>▪ What should Alex do?</li> </ul> </li> <li>○ <a href="#">NetSafe Episode 6: What is Personal Information?</a> <ul style="list-style-type: none"> <li>▪ What is personal information?</li> </ul> </li> </ul> </li> </ul>

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- What are some examples of personal information?
- Why does Alex keep his personal information locked up?
- What could someone do with Alex's email username and password?
- [NetSafe Episode 7: Understanding Online "Friends"](#)
  - What do you do when someone you don't know invites you to be their friend online?
  - Is the internet the real world?
  - How should you decide who you should be friends with online?
- [NetSafe Pledge](#)

## **Lesson 2: The Internet and Cyber Crime (60-75 min)**

- Show slides 1 - 16 of [Cybersecurity Awareness Presentation 2022](#)
- Choose a few pages from the [Epic Cyber Hero Handbook](#) for your students to complete.

## **Lesson 3: Being SMART and SAFE Online (60-75 min)**

- Show slides 17 - 37 of [Cybersecurity Awareness Presentation 2022](#)
- Choose a few pages from the [Epic Cyber Hero Handbook](#) for your students to complete.

## **Day 4: Cybersecurity Poster (60-75 min)**

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  - Print the cut out glasses found at the following link, or a link of your choosing. Allow students to decorate their glasses, cut them out, and assemble them.
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