

Cyber Security Awareness Poster Project

Review Guide for Grade 9 Students

Project Overview

This guide will help you create an effective Cyber Security Awareness Poster for your Grade 9 Term 2 Final Project. Follow these steps to produce a well-designed, informative poster that meets all project requirements.

Research Phase

Step 1: Understanding Cyber Security Concepts

Key areas to research:

- Definition of cyber security
- Common cyber threats (phishing, malware, ransomware)
- Password security best practices
- Social media privacy concerns
- Safe browsing habits
- Mobile device security
- Two-factor authentication
- Personal data protection

Step 2: Gathering Quality Information

Recommended research sources:

- Government cyber security websites (e.g., CISA, NCSC)

- Educational institutions' cyber security resources
- Reputable tech news sites
- Cyber security organization websites
- School-provided learning materials

Research tips:

- Take organized notes about different threats and solutions
 - Look for recent statistics about cyber attacks
 - Find real-world examples that teens can relate to
 - Identify the most relevant threats for young people
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Content Development

Step 3: Planning Your Message

Choose a specific focus area:

- Create strong passwords
- Identify phishing attempts
- Protect personal information online
- Safe social media practices
- Public Wi-Fi dangers
- Software update importance
- Mobile device security

Develop a clear call to action:

- What specific behavior do you want to encourage?

- How can students implement this in their daily digital lives?

Step 4: Creating Compelling Content

Essential elements to include:

- A catchy headline (e.g., "Lock Down Your Digital Life")
- 3-5 key cyber security tips
- Brief explanations of why these tips matter
- Statistics or facts that create urgency
- Visual representations of concepts
- A memorable slogan or tagline

Content organization tips:

- Use clear, concise language (avoid technical jargon)
 - Create a logical flow of information
 - Use bullet points for easy reading
 - Include a "Did You Know?" section with an interesting fact
 - Add resources for more information
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Design Development

Step 5: Planning Your Design

Layout considerations:

- Create a clear visual hierarchy (most important information stands out)
- Divide content into distinct sections
- Leave appropriate white space

- Ensure text is readable from a distance
- Position elements to guide the viewer's eye

Sketching tips:

- Draw multiple rough layouts before deciding
- Mark areas for text, images, and graphics
- Consider the focal point of your poster
- Think about how information will flow visually

Step 6: Choosing Software and Creating Your Design**Software options:**

- Microsoft PowerPoint (easy to use with templates)
- Canva (free with many design elements)
- Adobe Spark (user-friendly with professional results)
- Google Slides (accessible from any device)

Design best practices:

- Select a color scheme related to security (blues, greens, or purples often work well)
 - Limit to 2-3 complementary colors plus black/white
 - Choose 2 fonts maximum (one for headlines, one for body text)
 - Use high-quality images and icons
 - Maintain consistent spacing and alignment
 - Create contrast between text and background
 - Use icons to represent complex concepts
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Production and Finalization

Step 7: Adding Visual Elements

Effective visual components:

- Icons representing different security concepts
- Simple charts or graphs showing statistics
- Warning symbols for threats
- Shield or lock imagery for protection
- Before/after scenarios showing secure vs. insecure practices
- Character illustrations demonstrating good/bad behaviors

Visual element tips:

- Ensure images are high resolution
- Keep graphics simple and easy to understand
- Use consistent style for all visual elements
- Add proper attribution for any images used

Step 8: Finalizing Text and Information

Text formatting guidelines:

- Headlines: 36-48 point font
- Subheadings: 24-30 point font
- Body text: 18-24 point font (no smaller!)
- Use bold for emphasis sparingly
- Ensure high contrast between text and background

- Check spelling and grammar carefully
- Have a peer review your text for clarity

Step 9: Review and Refinement

Self-assessment questions:

- Is my message clear at first glance?
- Can the main points be understood in 30 seconds?
- Is there a clear call to action?
- Does the design support the message?
- Are all required elements included?
- Is the text free of errors?
- Do the visuals enhance understanding?

Peer feedback guidelines:

- Ask classmates to identify your main message
- Have them tell you what they learned
- Request feedback on visual appeal
- Check if they understand what action to take

Step 10: Saving and Submission

- Save your poster as both the native file format and as a PDF
 - Use a clear filename: "LastName_FirstName_CyberSecurity_Poster"
 - Save to your desktop as instructed
 - Double-check that all elements appear correctly in the final version
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Evaluation Criteria Checklist

Use this checklist to evaluate your poster before submission:

Content (40%)

- ☐ Includes accurate cyber security information
- ☐ Contains 3-5 clear, actionable tips
- ☐ Presents information in a concise, easy-to-understand manner
- ☐ Includes relevant statistics or facts
- ☐ Features a compelling call to action

Design (30%)

- ☐ Has a clear visual hierarchy
- ☐ Uses appropriate color scheme
- ☐ Features relevant images and graphics
- ☐ Maintains consistent style throughout
- ☐ Is visually appealing and professional

Organization (20%)

- ☐ Information flows logically
- ☐ Content is well-structured
- ☐ Uses space effectively
- ☐ Balances text and visual elements
- ☐ Is easy to scan quickly for main points

Technical Aspects (10%)

- ☐ Free of spelling and grammar errors
- ☐ Text is readable (appropriate font sizes)
- ☐ High-quality graphics and images

- ☐ Proper attribution for any external content used
 - ☐ Saved in appropriate format
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Sample Cyber Security Topics and Messages

1. Password Security

Possible headline: "Passwords: Your Digital Front Door" **Key messages:**

- Use unique passwords for each account
- Create complex passwords using a mix of characters
- Consider using a password manager
- Enable two-factor authentication

2. Phishing Awareness

Possible headline: "Don't Take the Bait!" **Key messages:**

- Check email sender addresses carefully
- Be suspicious of urgent requests
- Never click links from unknown sources
- Report suspicious messages

3. Social Media Privacy

Possible headline: "Think Before You Share" **Key messages:**

- Review privacy settings regularly
- Be selective about friend requests
- Limit personal information in profiles
- Consider who can see your posts

4. Safe Browsing

Possible headline: "Navigate the Web Safely" **Key messages:**

- Look for HTTPS in the URL
- Use private browsing when appropriate
- Be cautious about downloads
- Keep browsers updated

5. Mobile Device Security

Possible headline: "Protect What's in Your Pocket" **Key messages:**

- Use screen locks and strong PINs
- Only download apps from official stores
- Keep apps and operating systems updated
- Be careful on public Wi-Fi

Remember, your poster should be visually appealing while conveying important information clearly and concisely. Focus on making your message memorable and actionable for your peers.

Good luck with your Cyber Security Awareness Poster project!