Lesson 6: Chat Rooms & Instant Messaging

Learning Objectives

- Introduce terms and definitions related to chat rooms and online communication.
- Increase students' awareness of chat room and instant messaging threats and reinforce how to protect their personal information.
- Enhance students' motor skills while navigating the game.

Materials You Will Need

- Computers with Carnegie Cadets: The MySecureCyberspace Game installed
- Worksheet for Lesson 6: Chat Rooms & Instant Messaging
- Mask template from the Appendix, cardboard, decorative items, colored pencils/markers, and strings or rubber bands to tie the masks.

Classroom Activities (Duration: 45 minutes)

Timeline	Teacher Instructions	Student Activities
Introduce Concepts (15 min)	• Hand out the worksheet and explain what an Alias is. Reiterate from Lesson 1 what makes a good username or alias. (Worksheet , part 1) (10 min)	• Read the worksheet and talk about what makes a good or bad username.

Develop and Practice (20 min)	• Lead students into the game and direct them to the Clubhouse in Cyberspace. Have them talk to Betty and start their Level 1 training mission. (5 min)
	
	• Let students play the mission until they earn a gold badge. If students are unsure about the personal information, direct them to the Hint sheet 02 from lesson 5, also accessed with the Hint button. (20 min)
	 • Make sure all students earn a gold badge and unlock their second ReQuest with Dana.
	 • Do not let students proceed to the ReQuest.
	 • Students who finish the mission can either:
	  • Start the Alias mask decorating activity. (See the Appendix for a mask template) OR
	  • Complete the exercises in the worksheet using Betty's blog at the Carnegie Cyber Academy website: *http://www.carnegiecyberacademy.com/defenderBlogs/importanceOfAnonymous.html*
		• Start and log in to the game, then go to the Clubhouse in Cyberspace (CyberPort > Cyberspace Portal > Data Stream North > Clubhouse). Click on Betty and ask to start the Level 1 training mission. Listen to her tutorial.
		• Play the mission until you earn a gold badge.
		
		• After earning a gold badge:
		 • Use markers and decorative items to create their Alias mask. Cut out the mask and tie on a string or rubber bands so you can wear it. OR
		 • Complete the two exercises on the worksheet. Follow the instructions on the worksheet to locate Betty's blog on the Academy website and use it to help you fill in the blanks.

Reinforce (10 min)	• Students can complete their Alias mask or the worksheet for homework if they did not complete them in class.	• Finish making the Alias mask or filling out the worksheet as homework.

Learning Outcomes

At the end of this lesson, students will be able to:

- Identify what personal information should not be shared in chat rooms and through text messaging.
- Define the cyber defense terms introduced in this lesson.
- Recognize and adhere to chat room safe behavior.
- Demonstrate recognition of questions that lead to revealing personal information in chat rooms and mechanism of abstaining from responding to such questions.
- Use motor skills necessary to complete the second mission, e.g. mouse, hold and drag game characters.

1. What is an Alias?

A name you use for your online identity on a computer or website. Also called a **username** or **screen name**. It should not contain your name as part of it or any information that could help people find you, such as your age, location or gender.

Betty,
Clubhouse
Supervisor

2. Personal Information

1. Open a web browser and go to the Carnegie Cyber Academy website: http://www.CarnegieCyberAcademy.com.
2. Click **"Faculty Blogs"** and open Betty's blog, **"The Importance of Being Anonymous!"**
3. Under **"Topics"** at the top left, click **"Personal Information!"**
4. Scroll down to the blog posts for **April 7, 2009** and **March 3, 2009**.
5. Read these two blog posts and fill in the blanks in the following paragraphs.

Quiz 1: What information **can** you share online?

Share your _____ , but not which _____ you have tickets for.
Share your _____ , but not which _____ you take him to.
Share your _____ , but not which _____ you go to all the time.
Share what _____ , but not what _____ you play for.
Share which _____ you have read, but not which _____ is near your house.
Share your _____ , but not if it's going to hurt someone's feelings or offend someone.
Share _____ of a squirrel, but not a picture of you acting squirrelly.

Quiz 2: Personal Information Filter: Before posting something, **ask yourself** these questions:

Can this information be used to _____ or _____ me offline?
Can this information make it easier for someone to _____ me, _____ my accounts, or _____ my identity?
Would I want this information to show up in a _____ for my name?
Is this something I wouldn't want _____ or _____ to see?
Is this information that someone could use _____ me in some way?
Is this information that only _____ should know?
Is this information that would help someone guess _____ ?
Would this information give someone _____ about me?
Is it going to be _____ if I can't take this information back?

My Alias

Create an Alias to wear as a mask to protect your Real or Offline Identity

You will need:

- Cardboard or Heavy Paper
- Glue
- A Popsicle Stick
- Things to decorate with (markers, Feathers, glitter, Foil...)

Directions:

1. Glue the Alias Mask Template to a piece of Cardboard or Heavy Paper.
2. Cut out the mask. You may need help with the eyes.
3. Glue the Popsicle Stick to the back of one side of the mask for a handle.
4. Decorate your Alias Mask any way you want!

Mask Template