



## Technical Skill Focus – Stronger Passwords

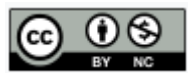
### SuperCyberKids Lesson Plan

### Lesson Plan 4 - Assessment

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# 1 Target info

**Main tool:** Video game “Nabbovaldo and the blackmail from cyberspace” and standard group games.

**Learning Context:**

- Ages 10-13
- 20-25 students
- 1 hour
- Location: classroom with projector or screen visible to all students
- Resources:
  - Internet-connected computer for instructor
  - NABBOVALDO game with lesson materials
  - Whiteboard
  - Paper and writing instruments for students

**Objectives:**

- The game introduces children to strategies for protecting against cyber attackers.
- The game introduces children to detecting and implementing actions against basic cyber-attacks.
- The game introduces children to understanding basic cyber threats.
- The game introduces children to basic prevention technologies.
- The game introduces children to using software tools to protect digital devices.
- The game introduces children to strategies to protect their personal information while surfing the web.

## 2 Lesson 4 - Assessment

Activity	Time	Details	Learning Goal	Extras
Intro	5 min	Remind Students that the topic is cybersecurity and passwords.  Ask Students if they can think of any non-technology-related times when a password might be important. Elicit ideas and write them on the board. If Students can't think of examples, provide some yourself.	Introduce topic for the day	
Quiz	15 min	Prepare a quiz assessing student retention of topics covered in this series.  Questions should relate to password security, when and why they are used, how to make Passwords stronger, and who should know your Passwords.	Assessing student recall	
Self-reflection  (Can be included in quiz section)	15 min	Students 10-13  Students produce a pen and paper.  Students imagine a scene where a password might be needed. This does not have to be related to technology.  Students write about the scene, explaining the situation and why the password is needed and how they can keep other people from guessing it.	Improve student outcomes	
Review and wrap-up	15 min	Ask Students if they have any more questions regarding passwords.  Respond to any concerns they might have. Allow other students to respond as well.  If time permits, ask Students how they intend to improve their peers' experience by using the knowledge they've gained during these lessons.  Remind Students that they aren't expected to be perfect, but it does help to recall these lessons from time to time.	Reinforce lesson goals	