Budd:e Lesson Plan: **Password Power**

UNLOCKS: **LEGS**

LEARNING OUTCOMES	INTRODUCTION	AT THE COMPUTER	FOLLOW UP	RESOURCES	UNIT VOCAB
Identify the features of a strong password. Recognise that a computer password is personal information and needs to be kept private. Recognise that you need a different strong password for each online account or activity. Demonstrate the use of a cipher or secret code to generate a personal library of strong passwords. Recognise that strong passwords are an important part of cybersecurity. Recognise that strong passwords help to protect personal data and internet devices from malware and hacker-led attacks.	Strong passwords are an essential part of cybersecurity, of protecting oneself from online threats and attacks. You need strong passwords to protect your computer (and other internet-enabled devices), and a different strong password for each online account or activity (email, IM, social networking, banking, gaming etc). A strong password will be a mix of upper and lower case letters and numbers. Some sites will allow you to choose symbols as well. A password should never be a name or date of birth, or a dictionary word. Typically a password will need to be eight to fourteen characters long. Using ciphers or secret codes is a good strategy for personal password management.	Password Power is about the importance of making passwords strong and using a different one for each online activity. In this activity the student makes and tests random passwords to see if they are strong. For each password, the student chooses a statement to say why it is strong or not strong. They are guided by intelligent feedback. To conclude, there is more information about passwords, privacy and related cybersecurity topics.	Whole-class discussion to review learning objectives. Brainstorm the range of online activities and accounts that require password protection. Brainstorm alternative codes or ciphers that might be used to generate a string of strong passwords that is meaningful to the user and therefore easy to remember. Discuss why it is important to protect your identity and privacy online.	Stay Smart Online at www.staysmartonline.gov.au SCAMwatch at www.SCAMwatch.gov.au ThinkUKnow at www.thinkuknow.org.au Cybersmart at www.cybersmart.gov.au Cybersafety Help Button at www.dbcde.gov.au/helpbutton	Cipher Code (secret) Cybersecurity Data Email Hacker ID ID fraud Identity Information Internet Internet-enabled device Malware Online Password Personal Privacy Private Report Site

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Department of Broadband, Communications and the Digital Economy