IT Fundamentals Pro: Chapter 10.5 Device Security

IT Fundamentals Pro: Chapter 10.5 Device Security	
Grade	**11/12**
Unit of Study	**Information Technology Fundamentals**
Length of Unit	**115 Min**

Missouri Learning Standards	
15.1202-H8: Summarize the importance of network security (e.g., passwords and user accounts)	15.1202-E7: Summarize system and network security practices (e.g., passwords, user accounts, and design and implementation of policies)

Unit 10.5: Learning Targets

I can:
• Describe the most important safeguards in protecting yourself from internet security risks.
• Describe best practices for using secure passwords.
• Describe how to avoid or protect yourself against different types of malware.
• Safely spend money on the internet.
• Configure Windows Defender to protect your home computer from malware.
• Configure Windows Firewall for different networks.
• Configure a remote wipe of a mobile device.
o Use a web browser to login to icloud.com, find an iPad, and erase all data.
o Enter a phone number and message to be displayed on a missing iPad.
• Use the Local Security Policy tool in Windows to configure password restrictions:
o Password length
o Password complexity
o Password reuse
o Password history

Intervention and Enrichment

Assessments

MLS (Learning Goal)	Description or Location

IT Fundamentals Pro: Chapter 10.5 Device Security

• 15.1202-H8 • 15.1202-E7	Ch. 10 Exam
	ITF+ (FC0-U61) Exam

Vocabulary			
Device Password	Firewall	Anti-Malware Software	Anti-Spam Software
Ecommerce	Data Destruction Policy	Windows Defender	Windows Firewall

Instructional Materials

Video/Demo
10.5.1 Password Best Practices
10.5.3 Enforce Password Settings
10.5.5 Securing Devices
10.5.7 Configure Remote Wipe
10.5.9 Ecommerce Safeguards
10.5.11 Windows Defender
10.5.13 Use Windows Defender
10.5.15 Windows Firewall
10.5.17 Configure Windows Firewall

Lab/Activity
10.5.4 Enforce Password Settings
10.5.8 Configure Remote Wipe
10.5.14 Use Windows Defender
10.5.18 Configure Windows Firewall

Additional Instructional Resources

10.5.2 Password Facts
10.5.6 Device Security Facts
10.5.10 Ecommerce Facts
10.5.12 Windows Defender Facts
10.5.16 Windows Firewall Facts

Reflections for Future Revisions