

LESSON NOTES 12

Year/Level: 13 Subjects: Computer Studies

<u>Strand:</u>	CE 2 Computers and Application
<u>Sub-strand:</u>	CE13.2.1 Hardware, Software Installation and Basic Networking
<u>Content Learning Outcome:</u>	❖ Utilities and Basic Computer Troubleshooting <ul style="list-style-type: none">• Utilities• Utility suites• Basic troubleshooting

Lesson Notes

Utilities

Are specialized programs designed to make computing easier

There are hundreds of different utility programs. The five most essential utilities are:

1. **Troubleshooting programs** that recognize and correct problems, ideally before they become serious problems.
2. **Antivirus programs** that guard your computer system against viruses or other damaging programs that can invade your computer system.
3. **Uninstall program** that allow you too safely and completely remove programs and related files from your hard disk.
4. **Backup programs** that make copies of files to be used in case the originals are lost or damaged.
5. **File compression programs** that reduce the size of files so they require less storage space and can be sent more efficiently over the Internet.

Utility Suites

Like application software suites, utility suites combine several programs into one package. The two best-known utility suites are McAfee Office and Norton System Works.

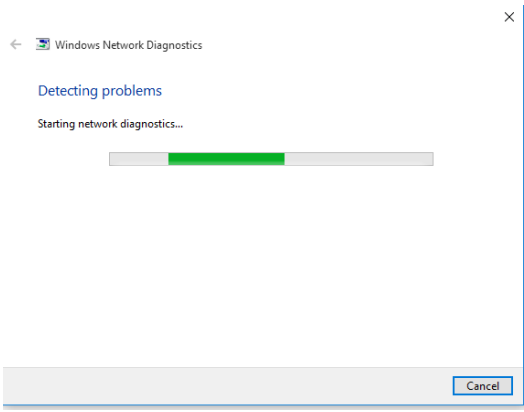
Basic Troubleshooting

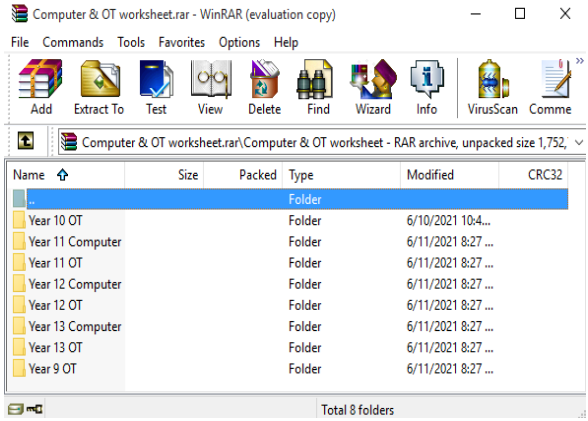
There are a number of reasons why a hardware installation may have been unsuccessful, including:

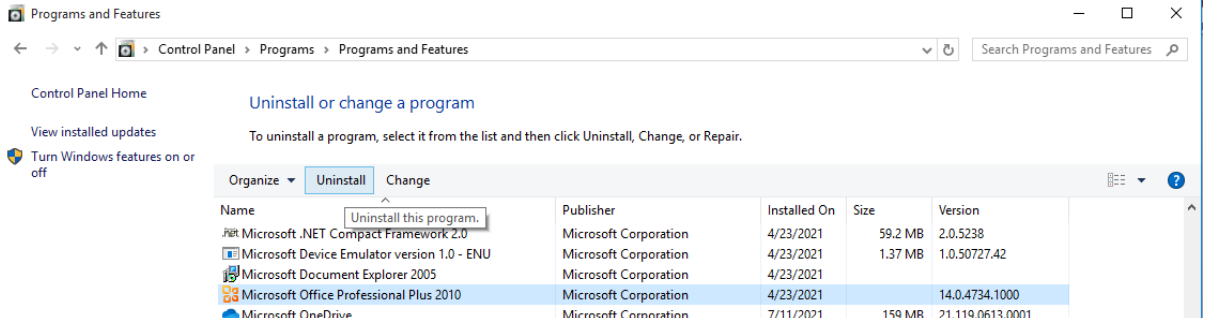
- Loose connections
- Jumper settings
- Power supply
- Malfunctioning hardware

Questions

1) Study the diagram below and indicate which utility program it is

(i) 

(ii) 

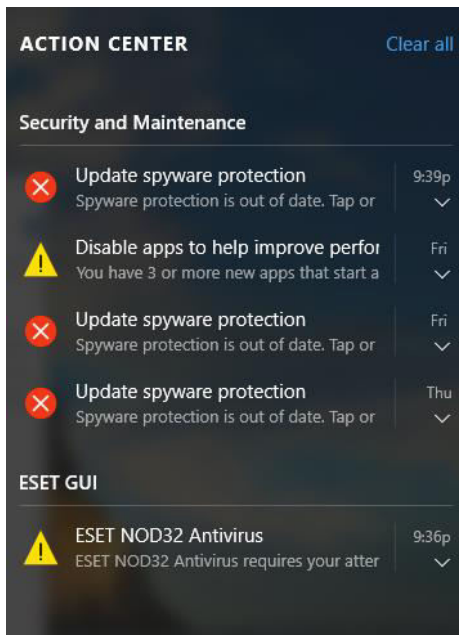
(iii) 

Name	Size	Packed	Type	Modified	CRC32
.			Folder		
Year 10 OT			Folder	6/10/2021 10:4...	
Year 11 Computer			Folder	6/11/2021 8:27 ...	
Year 11 OT			Folder	6/11/2021 8:27 ...	
Year 12 Computer			Folder	6/11/2021 8:27 ...	
Year 12 OT			Folder	6/11/2021 8:27 ...	
Year 13 Computer			Folder	6/11/2021 8:27 ...	
Year 13 OT			Folder	6/11/2021 8:27 ...	
Year 9 OT			Folder	6/11/2021 8:27 ...	

Name	Publisher	Installed On	Size	Version
Microsoft .NET Compact Framework 2.0	Microsoft Corporation	4/23/2021	59.2 MB	2.0.5238
Microsoft Device Emulator version 1.0 - ENU	Microsoft Corporation	4/23/2021	1.37 MB	1.0.50727.42
Microsoft Document Explorer 2005	Microsoft Corporation	4/23/2021		
Microsoft Office Professional Plus 2010	Microsoft Corporation	4/23/2021		14.0.4734.1000
Microsoft OneDrive	Microsoft Corporation	7/11/2021	159 MB	21.119.0613.0001

2) Which one is more preferable for a school, installing utility suite or single package program, why?

3) Explain what is the problem and what needs to be done?



ACTION CENTER Clear all

Security and Maintenance

- Update spyware protection** 9:39p
Spyware protection is out of date. Tap or
- Disable apps to help improve perfor** Fri
You have 3 or more new apps that start a
- Update spyware protection** Fri
Spyware protection is out of date. Tap or
- Update spyware protection** Thu
Spyware protection is out of date. Tap or

ESET GUI

- ESET NOD32 Antivirus** 9:36p
ESET NOD32 Antivirus requires your atter