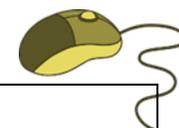
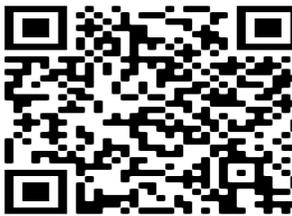
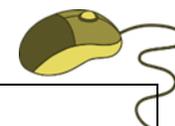




SUBJECT and GRADE	Computer Applications Technology - Grade 11	
TERM 2	Week 2	
TOPIC	NETWORK AND INTERNET TECHNOLOGIES: INTERNET AND WWW	
AIMS OF LESSON	<ul style="list-style-type: none"> ➤ <i>Voice over Internet Protocol (VoIP)</i> ➤ <i>video conferencing</i> ➤ <i>advantages and disadvantages of VoIP</i> ➤ <i>advantages and disadvantages video conferencing</i> 	
RESOURCES	<i>Paper based resources</i>	<i>Digital resources</i>
	Refer to your textbook (DBE Theory Book): Chapter 11: Internet and The World Wide Web NB! You may also use your own textbook that refers to the sections above.	Links on the WCED ePortal: Theory Book: https://wcedportal.co.za/eresource/88001
INTRODUCTION	<p>The internet has changed the way we communicate with each other and the way we interact with the world. More people make use of internet or online services.</p> <p>As a society we need to communicate and share. The internet allows us to communicate and share information in a matter of seconds.</p> <p>In this chapter, you will learn about various forms of online communication/ web services.</p>	
CONCEPTS AND SKILLS	<p><i>(Use your textbook in addition to make summaries.)</i></p> <p>The following Internet technologies are used for online or internet services:</p>	



	<p><u>VOIP</u></p> <p><i>How does it work?</i></p> <ul style="list-style-type: none">• You speak into a microphone connected to your computer and• the VoIP software you have installed• converts it into a format that can be sent over the internet.• The receiver must also have VoIP application installed in order to listen.• <u>Example</u>: The most well-known VoIP service is Skype <p><u>VIDEO CONFERENCING</u></p> <p>A video conference is live video streamed over the internet so that people can communicate face to face without being in the same room.</p> <p>To take part in a video conference, a user:</p> <ul style="list-style-type: none">• need an internet-connected computer with a monitor,• webcam,• microphone and speakers.• The webcam allows video images to be sent over telephone lines,• and the microphone allows sound to be transmitted,• Lack of personal interaction <p style="text-align: right;">What is Voip?</p> 
ACTIVITIES/ASSESSMENT	Activity 11.1 (p 138)



 Activity 11.1

Answer the following questions in your own words.

1. Compare VoIP and video conferencing. Tabulate the information.
 - a. What is each of the above?
 - b. What is each one used for (main function)?
 - c. What are the main advantages of each?
 - d. What are the main disadvantages of each?
 - e. Give an example of each.
2. What is the difference between VoIP and video conferencing?

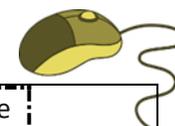
CONSOLIDATION

Activity 1: Video Conferencing quiz



Activity 2

Read the following extract and create a quick guide to the do's and don'ts of video conferencing etiquette (8)



Whether you're a veteran remote worker or you've recently found yourself having to work from home, at some point you'll probably have to conduct a meeting with your coworkers via a video conference call. And while you might know how to set up video calling for a meeting, it's also important to be aware of how to practice proper video conferencing etiquette.

This is a [Digital Trends](#) story.

Use the following QR link as an aid.



VALUES

In this lesson the learner will: get a general understanding of

- How to interact with people over a network; netiquette