Name			Period	
Skill 8.01 Exercis	e 1			
What is the Inter				
How do you use:	the Internet? Think about your t	unical day M/b an are you w	sing the Internet? For what	
	the Internet? Think about your ty role does it have in your life?	ypicai day. When are you us	sing the internet? For what	
purposes: what	Tole does it have in your me!			
Skill 8.02 Exercis				
Define network t	opology.			
Skill 8.03 Exercis				
Identify what each	ch acronym below represents			
WAN				
DCN				
LAN				
What type of net	work is the Internet?			
what type of field	work is the internet.			
Skill 8.04 Exercis				
		entify the type of signal it tr	ansmits, along with the advantages	
and disadvantage	es of each technology.			
	Type of signal	Advantage	Disadvantage	
Copper wires				
Wireless				
Fiber-optic				
Skill 8.05 Exercis	e 1			
How many wires would be required to send the number 20				

Name		Period		
What if only 1 wire were	available? How coul	ld you send the number 20?		
Skill 8.06 Exercise 1				
Navigate to the flashlight	test: https://docs.go	oogle.com/presentation/d/1JxWSa791amkTUqyr-		
2		06299719430157487465&rtpof=true&sd=true		
		shlight turning on and off. Let the letter B represents the off		
		sition. Play the slide show and watch the first test, then decide on		
the message being sent i	n terms of A and B			
Test 1				
Now watch the second to	est and decide on the	message being sent,		
Test 2				
After seeing Test 2, how	might you revise test	1? Indicate your revised version below.		
Test 1 Revised				
What additional informa	tion let you to revise	your message?		
Skill 8.06 Exercise 2				
Below is a screen shot o	f the results of an Inte	ernet speed test on my home computer,		
Internet speed test	×			
29.5 Mbps download Mbps u	.2			
Mbps download Mbps u		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
How many bits per seco	nd can I download? F	How many bits per second can I upload?		
I want to download a video that is 1.5 GB How long will it take?				

Second	Bits transferred
1	900
2	800
3	700
4	1100
5	800
	Second 1 2 3 4 5

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Name	Period
Skill 8.06 Exercise 4	
What is latency?	
Navigate to <a href="http://ping-test.net/">http://ping-test.net/</a> and run the ping test.	
For which location did the ping test take the longest? The shortest?	