

										Overall										1	2	3	4	5	6	7	8	9	10	
Question		Choice A	Choice B	Choice C	Choice D	Correct Choice	Selected A	Selected B	Selected C	Selected D	Correct	Wrong	Analysis		Student 1	Student 2	Student 3	Student 4	Student 5	Student 6	Student 7	Student 8	Student 9	Student 10						
1	Which of the following protocols is used on the Internet to provide electronic mail services.	FTP	SMTP	HTTP	ICMP	B	2	20%	5	50%	0	0%	3	30%	5	50%	5	50%	Half the class got this question correct. Most likely because SMTP and ICMP are both messaging systems. But, the difference is SMTP is used on to provide electronic mail servers and ICMP delivers error messages. Will need to go over topic.		B	B	D	A	D	B	A	B	B	D
2	What type of message is sent to a specific group of hosts?	Unicast	Static	Broadcast	Multicast	D	1	10%	0	0%	1	10%	8	80%	8	80%	2	20%	Most of the class got this question correct. When teaching this topic I went the importance of prefix. Multi means "many" and they want to send to a group of people so this the correct answer. I can have the students who understand the question worked with the ones having trouble.		D	D	D	D	A	D	C	D	D	D
3	Which characteristic describes crosstalk?  Match the description with the media. Traditionally used for television but can now be used in a network to connect the customer location to the wiring of the customer premises.	the distortion of the network signal from fluorescent lighting	the distortion of the transmitted messages from signals carried in adjacent wires	protocols developed by organizations who have control over their definition and operation	a collection of protocols known as the TCP/IP protocol suite	B	2	20%	7	70%	1	10%	0	0%	7	70%	3	30%	A good amount of class got this correct. I could group have the students who understand the question worked with the ones having trouble. Will review but not in too much detail.		B	A	B	B	A	B	C	B	B	B
		Coaxial	Fiber Optic	UTP	STP	A	5	50%	1	10%	1	10%	3	30%	5	50%	5	50%	Half the class got this answer and the all choose this different answers. As the teacher I need to go over the cable types. I need to find a way to simplify it to help them understand.		A	A	C	B	A	D	A	D	A	D
4	What are proprietary protocols?	protocols developed by private organizations to operate on any vendor hardware	protocols that can be freely used by any organization or vendor	protocols developed by organizations who have control over their definition and operation	collection of protocols known as the TCP/IP protocol suite	C	2	20%	2	20%	6	60%	0	0%	6	60%	4	40%	A little over half, many the students are having trouble with the lengthy answers choices. I could them with answers or reward to the question. EX- Which of the following companies follows proprietary protocols? A. Samsung B. Apple etc.		C	B	C	C	C	A	C	C	B	A
Instructions										Reflection Questions																				
1	Insert the questions on your assessment in Column C. (If it gets cut off, that is okay, just click on the cell to see the full question.)										1. Explain the benefits and/or drawbacks that exist with using this form as a way to conduct data analysis for an assessment.																			
2	Insert the answer choices for your multiple-choice questions horizontally adjacent to the question in Column C, with each separate choice in Column D, E, F, G, or H respectively.										This form of data allows you to see which questions the class as a whole was struggling allowing the teachers to see where the need to review. The drawback of using this form would time consumption which is every teachers suffers with. Which could the primary reasons they would be Google Form or Schoology over forms similar to this one.																			
3	In Column I, select the appropriate choice that is the correct answer using the dropdown provided. (NOTE: A is Choice A in Column D, B is Choice B in Column E, and so forth.)										2. Identify two concerns that exist when generalizing data that could result in a negative effect.																			
4	Starting in Column Y, insert student grades using the corresponding letter.										When you generalize data you get the see the real reasons for these scores such as a student overcoming her natural tendency to procrastinate, to create a poster in graphic design class but plagiarized on her process paper. Another concern is you don't get to see the individual students and judged the same which could be unfair if some students are ELL or special needs.																			
5	Statistics will auto-calculate and then you can conduct your analysis. (Your analysis should be third-part: 1. What does the data say? 2. Why might it say this? 3. What can you do as the teacher to improve next time?)										3. How might you use this analysis spreadsheet in the future? I would this analysis in the future for assessments to see which topics I need to review. For example, if I gave a pre-assessment this would allow to see exactly what questions/topics they need already know.																			
NOTE: See example on the "Exemplar" sheet.										4. Bonus: How would you improve or change this spreadsheet to customize to your needs? (You do NOT need to have the technical know-how to do this, just explain what it should do) I would improve the spreadsheet by adding an overall average score, median and mode. Also, I would wonder if it would be possible to create a spreadsheet for short answers not sure how just curious.																				
Student Name: Medelyn Martinez										Subject Area: Computer Technology																				