Name	Date
	5G - The New Wireless Technology.
	All academic factors will be considered when grading. Sheets must be
5G	
What does 5G stand for?	
What year and month did 5G	start to become available?
5G is divided in 3 bands or pa	arts. What are they?
How fast can data be downlo	aded and in which 5G band are those download speeds reached?
What is a problem with milling	neter(mmWave) waves?

Name	Date
Which 5G band is most widely deployed?	
The download speed in the most widely rolled out 5G ba	and is usually between?
Which companies in the U.S. launched 5G low-band in 2	019?
Overview All 5G wireless devices communicate by?	
Cell phone towers are connected to the internet by?	
How many streams of data in the 5G mmWave band wil simultaneously?	be transmitted to and from a wireless device

Name	Date
What is beamforming?	
5G Mid-band networks can transmit further. We since they won't have to build/upgrade so man	/hat does this mean for those companies using that band y towers?
What capabilities will new 5G cell phones have service?	so remote areas without 5G access aren't left without
Why will self-driving cars not require 5G?	
What is the fastest 5G band called and how fast	t is it's download speeds?
What does LTE stand for?	

Name	Date
How many <u>MORE</u> devices per square	e kilometer can 5G support over 4G?
	ms of disaster recovery efforts and smart cities?
What does 5G mean for doctor's per	forming remote surgeries? Why?
Speed When 5G is fully developed how muc	ch faster is it expected to be over 4G?
What is 4G's top speed?	
5G mid-band will usually deliver spee	eds between what ranges?

Name	Date
Implementation/Rollout Besides mobile phone providers, where else is 5G e	expected to be used?
What country was the first to adopt 5G on a large s	scale?
Swedish telecoms Ericsson predicted what percent of 2025?	age of the world's population will use 5G by the end
Which of the 9 companies listed that sell 5G radio l	hardware and 5G systems also make mobile phones?
Looking at the spectrum diagram, the 5G spectrum	operates in what frequencies?

Name	Date
5G Devices In March 2019, what 7 forms could 5G devices come in?	
In just 6 short months from March 2019 to October 2019, come in grew to how many forms in October 2019?	the number of total forms a 5G device could
In just 6 short months from March 2019 to October 2019, grew to how many?	the number of vendors selling 5G devices