Cells Challenge Brief:

As a 6th grader you will not have a science STAAR test until you are in 8th grade. The 8th graders this year have not studied cells in two years and need a refresher for their up-coming STAAR test.

Driving Question:

How can we create a cells review game for the 8th grade students to prepare for the STARR test?

Your review game must show your knowledge of:

* All organisms are made up of cells
* The presence of a nucleus determines if a cell is prokaryotic or eukaryotic
* The 3 parts of the Cell Theory
* Levels of Cell Organization
* The 5 scientists that contributed to our knowledge of cells: Robert Hooke, Anton Leeuwenhoek, Matthias Schleiden, Theodore Schwann, Rudolph Virchow
* The following parts of a cell and what each part does:
1. cell membrane
2. cell wall
3. nucleus
4. DNA
5. cytoplasm
6. chloroplast
7. chlorophyll
* A cell analogy (comparing functions of cell organelles to jobs in another system like a school or business).