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| Cells as the basic structural feature of life on Earth, including the distinction between prokaryotic and eukaryotic cells | | |
| Cells as the basic structural feature of life | What are the three parts of the Cell theory?     What are the six kingdoms of living organisms?  What features does an organism have to be classed as living (MRS GREN) | The Cell theory says these things   * Cells are the basic unit of life * All living organisms are made of cells * All cells come from pre-existing cells.   The kingdoms are: bacteria, archaea, protists, animal cells, plants and fungi.    MRS GREN  Movement  Reproduction  Sensitivity  Growth  Respiration  Excretion  Nutrition |
| Prokaryotes vs Eukaryotes | What is the main structural difference between prokaryotes compared to eukaryotes?  What kingdoms contain prokaryotes?  What kingdoms contain eukaryotes? | The prokaryotes are much smaller, and have no membrane bound organelles.  Bacteria, archaea.  Protista, planta, fungi, animalia |

**Cornell notes practice**