Cell Theory Video Worksheet

1. Scientists can only make discoveries in a laboratory with white lab coats and science gizmos that go beep.
   1. True
   2. False
2. Why do you think there were so many heated debates around the development of the cell theory?
3. There are three parts to the cell theory. Which is NOT one of those parts?
   1. All organisms are composed of one or more cells.
   2. The cell is the basic unit of structure and organization in organisms.
   3. Cells spontaneously arise from carbon and nutrients carried in the bloodstream.
   4. All cells come from pre-existing cells.
4. Can you describe a time when collaboration worked well for you? Where there ever any disagreements that led to a false assumption (like cells spontaneously crystalizing into existence)?
5. Anton van Leeuwenhoek made his own version of the microscope and discovered something very odd when he looked a the gunk on his teeth. What did he discover?
   1. Cells
   2. Bacteria
   3. Cavities
   4. Influenza
6. If you could invent one "science gizmo," what would it be? Do you think your invention would lead to any discoveries that would change our understanding of science?
7. Who named the cell?
   1. Robert Hooke
   2. Robert Redford
   3. Robert Smith
   4. Mr. Green
8. Which scientist realized that, by studying samples under a microscope, all animals are made up of cells?
   1. Rudolf Virchow
   2. Robert Remak
   3. Theodor Schwann
   4. Isaac Newton