Development of the cell theory

**Create a timeline that illustrates the contributing cell theory scientists.**

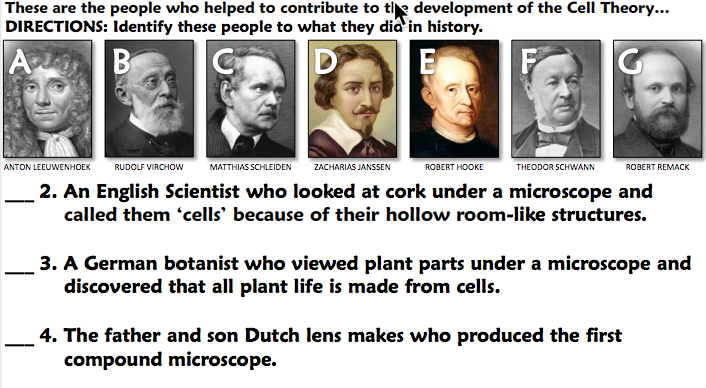
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CATEGORY | DESCRIPTION | | | |
| **Overall Presentation**  **(4 points)** | The title represents the content well and is neat and easy to read. 2 pts  Poster is neat, accurate and attractive. | | | |
| **4 illustrations**  **(2 points)** | 4 illustrations are included  2 pts | | Each illustration enhances the timeline  2 pts | |
| **Janssen**  **(2 points)** | Produced first compound micro | Dutch lens grinder (spectacle maker) | Made a telescope |  |
| **Hooke**  **(3 points)** | Thin slices of cork | Coined the term cells | Feud with Newton | Documented work in Micrographia |
| **Leeuwenhoek**  **(3 points)** | Viewed unicellular organisms | “Animalcules” | Dutch lens maker | Pond scum, teeth scrapings |
| **Brown**  **(2 points)** | English botanist | Discovered nucleus | Crucial part of living things |  |
| **Schleiden**  **(3 points)** | All plants composed of cells | German | Built on work of Dutrochet | Believed in free cell formation |
| **Schwann**  **(2 points)** | All animals composed of cells | German | Built on work of Dutrochet |  |
| **Virchow**  **(3 points)** | All cells come from cells | Jewish/German | Borrowed from Remak | Experimented with diseases |
| **Overall**  **(8 points)** | All 3 statements of cell theory are included and accurate.  All dates and names included and accurate (0.25/each) | | | |

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Cell Theory Summarizer

**1. In your own words, describe a cell:**

