

Graphic Organizer: Development of the Cell Theory

Name: _____

Directions: Use your textbook, the video shown as well as the handout provided to indicate what the cell theory is and what contribution each scientist listed below had in the development of current day's cell theory. .

Using page 170 in the textbook, list the 3 factors that describe the current day cell theory:

- 1.
- 2.
- 3.

Watch the video and write your own notes about the contribution each scientist did to contribute to the cell theory. Note: you will be given an article to improve and check your information after the video.

1. Leeuwenhoek

2. Hooke

3. Schleiden

4. Schwann

5. Virchow

Questions to Answer:

1. Explain how the advancement of microscope technology has contributed to the development of cell theory and cell structure.
2. Explain the difference between the light and electron microscope and how each was able to assist with better understanding cells.