

Name: _____ Date: _____ Period: _____

Ordering the Events – History of Life Timeline

Directions: Order the events listed below (#1 should be the earliest event). Then use these descriptions to create a timeline of the History of Life on the bottom of this page. This should include: descriptions of events (shortened and in your own words) and pictures to accompany the events.

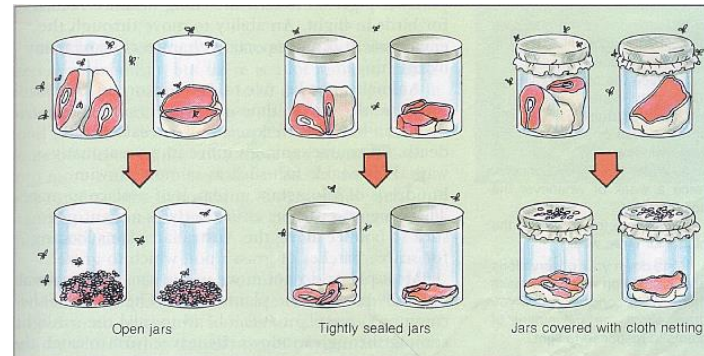
#	Description
	Solar System Formed (5 Billion Years Ago)
	Complex Multicellular organisms evolve and first land plants appear
	The first organic molecules (ex: amino acids) were formed from components of the atmosphere and energy provided by lightning storms.
	Eukaryotic cells evolved through the process of endosymbiosis.
	Earth Formation (4.6 Billion Years Ago)
	Unicellular Life; simple prokaryotes existed that were heterotrophs
	Reptiles begin to dominate. Flowering plants and insects evolve together
	Blue-Green Algae add oxygen to the atmosphere, which allows for photosynthesis
	Mammals evolve

Theories of How Life Came to Be

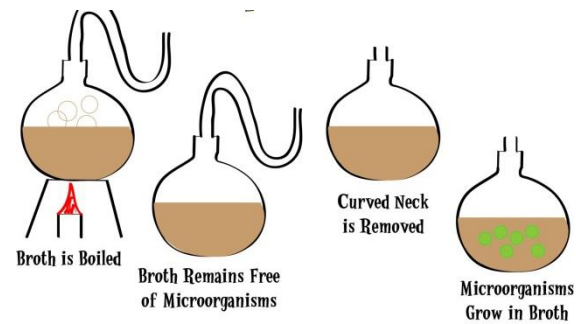
1. Describe the main thought held by most people during the Dark Ages? What was the name for this theory? How does the image to the right relate to this belief?



2. Using the image, describe Redi's experimental design and his results. What did his experiment prove and disprove?



3. Describe the setup of Pasteur's experiment to the right. What was his experiment able to disprove?



4. What was Miller-Urey's experiment set-up to show? How did these scientists stimulate lightning occurring?

