ORDER UP PART 1

Purpose

How do we organize the story of life on Earth when it's billions of years long? Let's break it down by starting with six mini-thresholds of life, which will help you understand how life on Earth changed over time.

Process

1. Order the six important developments (*mini-thresholds*) in the evolution of life on Earth from earliest to latest. For the rationale, structure your answers like this: *I think _____ happened [first, second, third, and so on] because _____.*

Mini-threshold of life	Order (1–6)	Rationale
Development of brains		
Photosynthesis, where cells use the Sun for energy		
Life moves from the oceans to land		
Emergence of eukaryotes (cells with DNA enclosed in a nucleus)		
Evolution of mammals		
Emergence of multi-cellular organisms		

2. Hang on to your completed activity—you'll review it later in the lesson.

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