

Name _____ Block _____ Date _____

Endosymbiotic Theory

What does calling an idea a “theory” mean in science?

What does “endosymbiosis theory” tell us about?

According to endosymbiosis theory, what happened over 2 billion years ago?

Bacteria that used oxygen to produce their own energy are the “ancestors” of today’s _____

Bacteria that used light to produce their own energy are the “ancestors” of today’s _____

What is the evidence that supports endosymbiosis? (i.e. What are the facts?)

-
-
-

Specialized Cells

What does it mean to be a “specialized cell?”

Complete the following chart to describe specialized cells in the human body:

Cell Type	Function	Specialized Structures
Red blood cells		
White blood cells		
Muscle cells		
Neurons		