Cell History an	nd Structures	– Notes Organi	zer	
What is a <i>cell</i> ?				
Cells are often referred to as the "Build	ding Blocks" of			
Fill in the following table of scientists important to our modern day understanding of cells.				
SCIENTIST NAME	DATE	SCIENTIFIC	CONTRIBUTION	
Robert Hooke				
Anton von Leeuwenhoek				
Matthias Schleiden				
Theodore Schwann				

b.

c.

5.	Define <i>prokaryote</i> :							
6.	The only prokaryotic organism is	·						
7.	Define <i>eukaryote</i> :							
8.	The <u>endosymbiotic theory</u> explains the origin of cells.							
	a. Summarize the <i>endosymbiotic theory</i> .							
9.	. Define <i>unicellular</i> :							
10.	10. Define <i>multicellular</i> :							
11. Identify the defining characteristics of each cell type .								
-	Bacteria Cell	Plant Cell	Animal Cell					

12. What is an *organelle*?

Organelle Name	Organelle Function	Cell Type – Bacteria, Animal, Plant?
Nucleus		
Cell Membrane		
Cell Wall		
Chloroplasts		
Cytoskeleton		
Endoplasmic Reticulum		

Golgi Apparatus	
Lysosomes	
Mitochondria	
Ribosomes	
Vacuole	
Cytoplasm	