Amoeba Sisters Video Recap: Prokaryotic vs. Eukaryotic Cells

A Maria Control Contro	
1. The boxes below represent the three domains that all organisms can be classified in: Bacteria, Archaea, and Eukarya. Which of these domains consist(s) of prokaryotes ?	3. Based on what you know about prokaryotic cells and eukaryotic cells, the bacterial cell shown in the Venn diagram below is a cell while the fungal cell is a cell.
	4. Based on your knowledge about prokaryotic cells and eukaryotic cells, what are three structures the cells shown below would have in common ?
BACTERIA SEUKARYA	
2. For the following organisms , indicate whether they are considered prokaryotes (place a "P") or eukaryotes (place an "E").	
Animal Plant	
Bacterium (Note: Plural is Bacteria) Protist	FLINGAL
Fungus (Note: Plural is Fungi)	CSLL
	BACTERIAL /
	CELL
In the video, a mnemonic is mentioned. "Pro" (in prokaryote) rh complete the following sentence stems to show some difference	
5. Prokaryotes have no	
6. Eukaryotes do have (a)	
Prokaryotic Cel	** karyotic Cell
rhymes with "no	
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7. At the end of the video, there's a vocabulary challenge mentioned. Can you use the vocab to create your own sentences to compare and contrast prokaryotic cells with eukaryotic cells? If you need more space, you can attach an additional sheet of paper.

Vocabulary to Include: The alphabetized vocabulary words from the video have been listed below. Please check them off as you use them and <u>underline</u> them in your writing so they are easy to find!		

