



Binogi Video: Cell Domains
 English-Mandarin Bilingual Concept List
The Escape Projects

<p>Bacterium A group of organisms consisting of only one cell. They can be found everywhere in our surroundings. Some of them can cause diseases while others are essential to life.</p>	<p>细菌 由一个细胞组成的一组有机体。它们无处不在。有些细菌会导致疾病，而有一些则是生命所必需的。</p>	
<p>Cell The smallest unit of life that exists in all living creatures. The human body consists of several millions of cells and the simplest organisms consist of only one cell.</p>	<p>细胞 “是生物最基本的结构和功能单位” (2004, p.16)。人体由上百万个细胞组成，而最简单的生物体就是一个细胞。</p>	
<p>Cell Nucleus The center part of the cell where the cell's development and functions are controlled.</p>	<p>细胞核 细胞的中心部分，控制细胞的发育和功能。</p>	
<p>Archaea A group of organisms that consist of one cell and is similar to bacteria. They have existed on Earth for a long time and most of them live in extreme environments.</p>	<p>古细菌 由一个细胞组成的一组有机体，与细菌相似。它们在地球上存活已久，并大多生活在极端环境中。</p>	
<p>Prokaryote Single-celled organisms that do not have a nucleus. They can be divided into the domains archaea and bacteria.</p>	<p>原核生物 没有细胞核的单细胞生物。它们可以被分为古细菌和细菌。</p>	
<p>Eukaryote Organism that is made up of several cells with a nucleus, for example animals and plants.</p>	<p>真核生物 由带细胞核的细胞构成的有机体，例如动物和植物。</p>	
<p>Domain A classification of all living organisms where they are sorted into archaea, bacteria, and eukaryotes.</p>	<p>领域 对于所有有机物的分类，它们被分为古细菌、细菌和真核生物。</p>	

Note: The Cell Domains is covered in Grade 7 Biology/Science in China, but Archaea is not mentioned.

Reference: Zhenfang.W, Wenjun.Li, Zhiguo.Z, Hongmin.T, Libo.Zhou&Youxun.W.(2004) Yi Wu Jiao Yu Ke Cheng Biao Zhun Shi Yan Jiao Ke Shu: Sheng Wu Xue (Qi Nian Ji, Shang Ce).

