
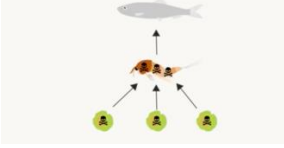
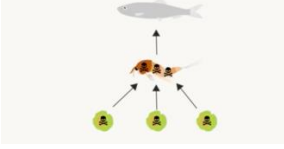
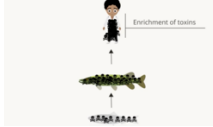





**Binogi Video: [Food Chains and Food Webs](#)**  
 English-Mandarin Bilingual Concept List  
The Escape Projects

<p><b>Photosynthesis</b>          The process whereby special cells in an organism, usually a plant, use sunlight, water and carbon dioxide to create energy in the form of glucose. Takes place in cells that contain a green pigment called chlorophyll.</p>	<p><b>光合作用</b>          有机体（通常是植物）中的特殊细胞利用阳光、水和二氧化碳以葡萄糖的形式产生能量的过程。发生于含有绿色色素并被称做叶绿素的细胞中。</p>	
<p><b>Bacterium (bacteria)</b>          A single-celled organism that can be found everywhere in our surroundings. Some of them can cause diseases while others are essential to life.</p>	<p><b>细菌</b>          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，而另一些则是生命所必需的。</p>	
<p><b>Food Chain</b>          A series of organisms where one depends on the next as a food source.</p>	<p><b>食物链</b>          一系列有机体，其中一个依赖于另一个作为食物来源。</p>	
<p><b>Food Web</b>          A group of interconnected food chains.</p>	<p><b>食物网</b>          一组相互关联的食物链。</p>	
<p><b>Primary Consumer</b>          Herbivores that feed on primary producers, like plants, algae or other photosynthesising organisms.</p>	<p><b>主要消费者</b>          以初级生产者为食的食草动物，如植物、藻类或者其他光合作用生物。</p>	
<p><b>Tertiary Consumer</b>          Larger predators that consume secondary consumers, like smaller predators.</p>	<p><b>第三级消费者</b>          更大型的捕猎者，捕食二级消费者，如相对小型的捕猎者。</p>	
<p><b>Trophic Level</b>          A level in a food chain that describes what the species in that level are eating.</p>	<p><b>营养级</b>          食物链中的一种等级，用来描述该等级的物种食用什么。</p>	
<p><b>Toxin</b>          A poisonous substance that is produced by a living thing.</p>	<p><b>毒素</b>          由生物产生的有毒物质。</p>	



<p><b>Soluble</b> The ability of a substance to dissolve in another substance, usually water.</p>	<p><b>可溶的</b> 一种物质能溶于另一种物质（通常是水）的能力。</p>	
<p><b>Phytoplankton</b> Very small organisms that live in water and perform photosynthesis. They are important primary producers in the oceans.</p>	<p><b>浮游植物</b> 生活在水中并进行光合作用非常小的有机体。它们是海洋中重要的初级生产者。</p>	
<p><b>Zooplankton</b> Tiny animals living in water that feed on phytoplankton. They are food for many fish.</p>	<p><b>浮游动物</b> 生活在水中以浮游植物为食的非常小的动物。多种鱼类以它们为食。</p>	
<p><b>Bioaccumulation</b> The process whereby toxins stored in an organism's body gets transferred to the body of an organism that eats it.</p>	<p><b>生物积累</b> 储存在生物体内的毒素转移到食用它的生物体内的过程。</p>	
<p><b>Secondary Consumer</b> Predators that feed on primary consumers, like herbivores.</p>	<p><b>第二级消费者</b> 以初级消费者为食的捕猎者，例如食草动物。</p>	

Note: The Food Chains and Food Webs are covered in Grade 7 Biology/Science in China.

