



**Binogi Video: Chromosomes and Traits**  
 English-Mandarin Bilingual Concept List  
The Escape Projects

<p><b>Gene(s)</b>          The part of a cell that determines its development, appearance and functions and is the basic unit by which genetic information is passed from parent to offspring.</p>	<p><b>基因</b>          在细胞中决定其发育、外观和功能，是将遗传信息从亲代遗传到后代的基本单位。</p>	
<p><b>Chromosome(s)</b>          A structure in the cell that is made up of long double spirals of DNA, where our genes are found. Upon cell division, the chromosomes are separated.</p>	<p><b>染色体</b>          细胞中长的双螺旋 DNA 结构，我们的基因就在其中。细胞分裂时，染色体也同时分离。</p>	
<p><b>Inherit (Inherited)</b>          Something that is passed from the parents to their offspring.</p>	<p><b>继承</b>          亲代传给后代的东西。</p>	
<p><b>Cell Nucleus</b>          The central part of the cell where the cell's development and functions are controlled.</p>	<p><b>细胞核</b>          细胞的中心部分，控制细胞的发育和功能。</p>	
<p><b>DNA (Deoxyribonucleic Acid)</b>          Molecules that carry genetic information. They act like a blueprint for the structure of all organisms.</p>	<p><b>DNA(脱氧核糖核酸)</b>          携带遗传信息的分子。作为所有生物结构的模型。</p>	

Note: The Chromosomes and Traits are also covered in Grade 8 Biology/Science in China.

