



Binogi Video: Compound Interests
 English-Mandarin Bilingual Concept List
The Escape Projects

<p>Percentage (percent, percentages)</p> <p>Refers to the share of something measured in points per hundred. For example, if half the students in a class are females then the percentage of females in the class is fifty.</p>	<p>百分比</p> <p>指以每百分之几来计算的某件事物的份额。例如，如果一个班一半的学生是女生，那么这个班女生的比例是50%。</p>	
<p>Change factor</p> <p>The number that you multiply by the original amount to get the amount after a change.</p>	<p>变化因子</p> <p>用来乘以原金额得到的改变后金额的数字。</p>	$1000 + (1000 \times 0.1) = 1000 \times 1.1$ <p>Principal Change factor (1 + interest rate)</p>
<p>Interest</p> <p>The price paid for borrowing money by the person who borrows the money.</p>	<p>利息</p> <p>借款人为借钱而支付的价格。</p>	
<p>Compound interest</p> <p>The sum of the interest, calculated on all previous interests as well as the starting sum.</p>	<p>复利</p> <p>利息总额是根据以前所有的利息以及起始金额进行计算。</p>	
<p>Principal</p> <p>The original amount of a loan or an investment, before any interest is added.</p>	<p>本金</p> <p>在利息增加之前，贷款或者投资的原始金额。</p>	$1000 + (1000 \times 0.1) = 1000 \times 1.1$ <p>Principal Change factor (1 + interest rate)</p>
<p>Exponential expression</p> <p>A term that is made up of a number and a smaller number in the top right corner. The small number tells you how many times to multiply the larger number by itself.</p>	<p>指数表达</p> <p>由数字和右上角较小的数字组成的术语。较小的数字代表了较大的数字需要自乘几次。</p>	$1.1 \times 1.1 \times 1.1 \times 1.1 \times 1.1 = 1000 \times 1.1^5$ $1.1^5 = 1.61051$
<p>Debt (debts)</p> <p>An amount of money that you owe to someone or something.</p>	<p>债务</p> <p>欠某人或者某物的钱。</p>	





<p>Simple interest</p> <p>Interest calculated on the principal amount of the loan.</p>	<p>单利</p> <p>按照贷款本金进行计算的利息。</p>	<p>The diagram shows a horizontal timeline starting at 'Year 0' with a stack of money. At 'Year 1', there is a bracket labeled 'Debt after 1 year:'. Above Year 1, it says 'Principal: \$1000'. Above Year 2, it says 'Interest rate: 10%'. At Year 2, there is a bracket labeled '+20%?'.</p>
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