



## Story 3: T-Rex as a skilled predator

### What is predation?

### 故事三：霸王龙是熟练的捕猎者 什么是捕食？

The natural world is made up of predators, and prey. Predation happens when one animal finds and eats another, the prey.

自然世界是由捕猎者和猎物组成。一头动物发现和吃掉另一头动物，即猎物，就是捕食行为。

1. Why is it natural for predators to be outnumbered by their prey?

为什么自然的捕猎者的数目总较牠们的猎物少？

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2. What do you think were the implications of this for animals that lived in the time of the dinosaurs?

你觉得是这对生活在恐龙时代的动物有什么影响？

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In the modern world, predators come in all forms and sizes. They include spiders, toads, snakes, tigers, wolves and sharks. Do you think predation was different in the time of the time of the dinosaurs?

在现代世界，食肉动物有各种体形和尺寸。牠们包括蜘蛛、蟾蜍、蛇、老虎，狼和鲨鱼。你觉得恐龙时代的捕食是不是有什么不同？

## What is predation?

### 什么是捕食？

3. What happens in the natural world if predators are too successful?

如果捕猎者太成功，自然界会发生什么事？

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Over a long period of time, predation can cause species to adapt. During the process of natural selection, characteristics that help species to survive are passed along to future generations.

经过一段很长时间，捕食可引起物种适应。在物竞天择的过程中，有助于物种生存的特点会代代相传。

4. Study the picture of *T-Rex* below. What characteristics may have helped it to become a top predator and survive?

研究下面的霸王龙图片。什么样的特点可能有助于牠成为顶级捕食者和生存？




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5. Study the picture of ankylosaurus below. What characteristics may have helped it to protect itself from predators such as *T-Rex*?

研究下面的甲龙图片。什么样的特点可能有助于它保护自己，免受(例: 霸王龙)侵袭？

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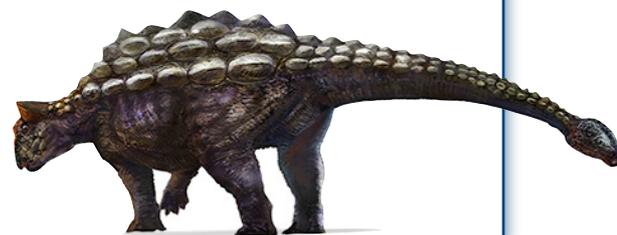
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为什么自然的捕猎者的数目总较牠们的猎物少？

Nature always provides more prey than predators otherwise the eco-system would break down.

大自然总是提供捕猎者更多的猎物，否则生态系统将崩溃。

2. What do you think were the implications of this for animals that lived in the time of the dinosaurs?

你觉得是这对生活在恐龙时代的动物有什么影响？

There would have been fewer meat eating (predators) than plant eating (herbivores) dinosaurs.

肉食性（掠食者）的恐龙比植物性饮食（草食动物）的恐龙少。

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在现代世界，食肉动物有各种体形和尺寸。牠们包括蜘蛛、蟾蜍、蛇、老虎，狼和鲨鱼。你觉得恐龙时代的捕食是不是有什么不同？

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如果捕猎者太成功，自然界会发生什么事？

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**If predators thrive, they can essentially wipe out a prey population.**

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如果捕猎者太成功，牠们基本上可以消灭一个猎物种群。

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**Variations such as claws, teeth, amazing eye-sight, incredible strength and speed.**

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如爪子，牙齿，惊人的视力，令人难以置信的力量和速度等差异。

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研究下面的甲龙图片。什么样的特点可能有助于它保护自己，免受(例: 霸王龙)侵袭？

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**Camouflage, spikes on its back, a clubbed tail, speed, sharper senses.**

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迷彩、背上的尖刺、棒状的尾巴、速度，更敏锐的感官。

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