



Dinosaur Land 恐龙世界

Group Activity: Science - Lesson 1 - How Big Is a Dinosaur? 小组活动：科学-第1课-恐龙有多大？

Materials: 材料

- Picture book about dinosaurs 关于恐龙的图片书
- Dinosaur sizes poster (provided) 恐龙尺寸海报 (见下)
- Dinosaur images (provided) 恐龙图片 (见下)
- Markers 记号笔
- Tape measure 卷尺
- Masking tape 纸胶带
- Scissors 剪刀

Duration: 30 minutes 时长：30分钟

Preparation: 准备

1. Obtain a book about dinosaurs with sizes included. Suggestions: *Dinosaurs Life Size*, *The Big Book of Dinosaurs*, *Prehistoric Actual Size*, and *Life Size Dinosaurs*.

准备一本关于恐龙大小的书。

2. Print, laminate, and cut: 打印、过塑和裁剪

- a. The dinosaur sizes poster (1 for entire class) 恐龙大小海报 (全班1张)
- b. The dinosaur images (1 set for entire class) 恐龙卡片 (全班1套)

3. Secure a large area (gym, hallway, etc.) where you can conduct the activity. 找一个开阔的可以进行这个活动的空间 (广场、走廊等)

Extension: 拓展

- Have students draw a picture of a dinosaur. 让学生画一幅关于恐龙的画
- Ask students how many lengths of them it would take to be as long as a chosen dinosaur. 问学生大概要有多高才能有选中的恐龙这么高



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Activity Script: 活动脚本

We recommend using the following verbal cues as you model each step.
在进行每个步骤时，推荐使用以下口头指令

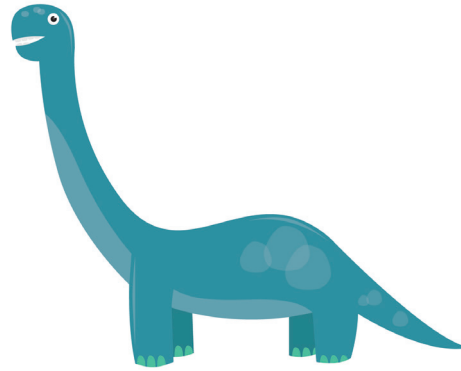
- 1. "Today we're going to do a project about the sizes of dinosaurs. First let's look at a book about dinosaurs."** 今天我们上一节关于恐龙有多大的课。首先我们看一本关于恐龙的书。
[Look through one of the suggested books or any other book with realistic dinosaurs.]
从推荐的关于恐龙的读本中挑选一本或找其他印有真实恐龙图片的书
- 2. "Let's talk about the different dinosaurs that we just looked at. Which animals do you remember from the book?"** 我们来讨论一下我们刚才看到的不同的恐龙。你还记得有哪些恐龙吗？
[Prompt students to identify the different dinosaurs that they saw in the book.]
提示学生说出刚才在书中看到的不同的恐龙。
- 3. "Now it's time to guess which dinosaur is the biggest. Which dinosaur do you think was the largest?"** 现在到了猜猜哪只恐龙最大的时间了。你觉得哪只恐龙最大？
[Prompt students to make their predictions by naming which dinosaurs they think are the largest.]
提示孩子做出推测并说出他们觉得最大的恐龙名字
- 4. "We can now look at a poster to see how big dinosaurs actually were."**
"我们现在来看看这张海报,看看这些恐龙到底有多大."
[Indicate the dinosaur sizes poster.]
指一指恐龙尺寸的海报
- 5. "Now it's time to see how long these dinosaurs actually were. We're going to look at the measurements on this poster and use some masking tape to compare their sizes."**
"现在我们来看看这些恐龙到底有多高.我们将看看这张海报上的恐龙尺寸,然后用一些纸胶带来比较他们的大小."
[Referencing the dinosaur sizes poster and using the measuring tape, measure out the distance of the length of a dinosaur across the floor. Use the masking tape to create a line on the floor that matches the distance of the tape measure. Place the corresponding dinosaur image beside each measuring line and/or write its name on the tape. Choose another dinosaur (space permitting) to measure and repeat these steps.] 参考恐龙尺寸海报并使用卷尺,在地板测量恐龙的长度.在地板上用纸胶带贴出跟卷尺量出来的长度一致的距离.将对应的距离线的旁边放上恐龙的图片并在胶带上标注恐龙的名字.选择另一只恐龙(在空间允许的情况下),重复以上步骤。
- 6. "Which dinosaur is longer? Which is shorter?"** "哪只恐龙最高?哪只最矮?"
[Encourage students to identify the longest and shortest dinosaurs.] 引导孩子说出最高和最矮的恐龙
- 7. "Now let's see how you compare to the dinosaurs. Let's each take turns lying down beside the tape and see how we measure up."** "现在来我们跟恐龙比大小轮流在纸胶带旁边躺下比较一下
[Choose a student to lie down at the end of a tape line, and mark their name on the tape to indicate their height. Do this until all students have had a chance to be measured.]
选一名学生在纸胶带的一端躺下,然后在对应高度写下他们的名字.重复以上步骤直到所有学生都被测量了一次。
- 8. "Look how long the dinosaurs were compared to us! Were your predictions correct?"**
"看看跟恐龙跟我们比比谁高?你才对了吗?"
[Prompt students to compare their predictions to the measurements on the floor. Have students take turns identifying whether their predictions were correct.]
引导学生将他们的推测和地上的长度做比较.让学生轮流说出他们的推测是否正确。



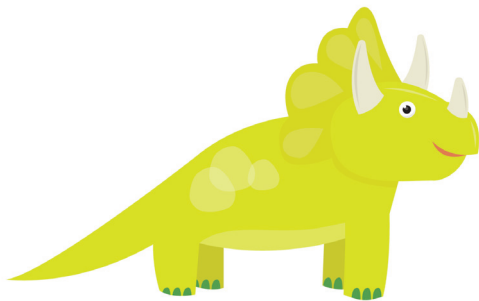
霸王龙



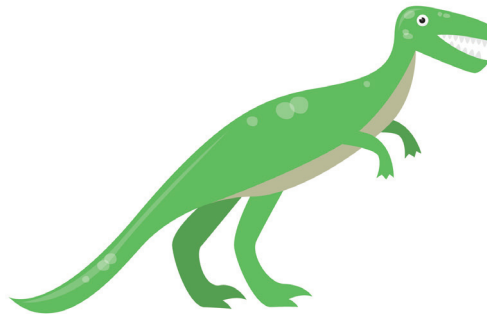
雷龙



三角龙



迅龙



翼龙



剑龙



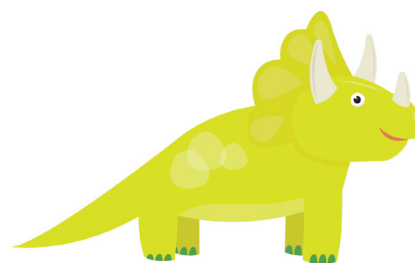
恐龙大小海报



霸王龙
4m 高



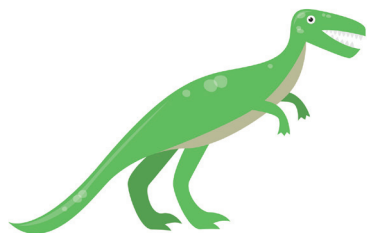
剑龙
9m 高



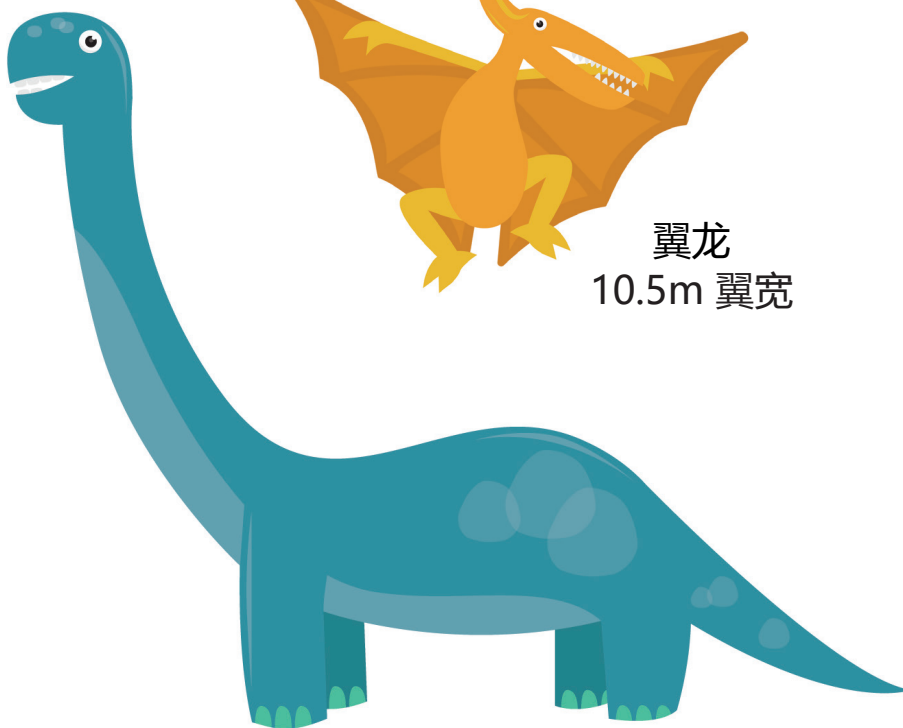
三角龙
9m 高



翼龙
10.5m 翼宽



迅龙
2.1m 高



雷龙
21m 高