

Making and Testing a Bicycle and Walking Trail

製作及測試腳踏車和步道模型

The third graders were challenged to select the best materials for a trail that would last and to build a model with their materials.

三年級學生選擇適當材料並建造堅固的步道模型。



PLAN



Students working together to discuss how much of each material would be needed to create their trail sample. They drew what their sample might look like.

學生互相討論製作步道模型的材料，並畫出模型可能的模樣。



CREATE



Opening, sharing, and comparing their samples.

拆開、分享、並互相比較步道模型。



CREATE



Mixing all the material together.

將所有材料混合在一起。



TEST



The test! Dropping a weighted object onto the sample to see if it remained intact or cracked.

測試的時間到了！學生將重物落在模型上，觀察模型是否依舊堅固無裂痕。