



Making a Super Sneaker

打造超級球鞋

Our students were challenged to create a new material to make sneaker soles. They had to test the soles for comfort, support, grip, and bounce.

五年級學生試著以新的材料製作鞋底，並測試鞋底的舒適度、支撐力、耐磨度及彈力。



PLAN



Students measure the ingredients for the recipe that will match the specific needs of their sneaker sole.

五年級的學生測量哪一種材料最能符合製作鞋底的特定需求。



TEST



Testing the polymer for flexibility, traction, and bounciness.

測試聚合物的柔韌性、摩擦力、以及彈力。



CREATE



Mixing the ingredients in order to create a polymer that will be part of a composite sneaker sole.

為了能做出鞋底的聚合物，學生們開始混合材料。



PRESENT



Sharing the results with the class in the form of a creative presentation.

用具有創意的演講分享此次的測試結果。