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My Eyes 我的眼睛

How Do We See?

In this KCFS project, students went on an exciting adventure to learn about how we see the world around us! They discovered that our eyes let in light and send signals to our brain, which helps us make sense of the things we see. The students were fascinated to learn that different parts of the eye, like the pupil and lens, work together to focus light. They were amazed to find out how light bounces off objects and into our eyes, allowing us to see all the vibrant colors around us. Through hands-on activities, they explored how our eyes detect light and how the brain interprets these signals almost instantly. We also reviewed the five senses, which helped the students understand how our eyes work together with the others—such as ears for hearing and hands for touching—to help us explore and discover the world in a more complete way. The students now have a deeper appreciation for the incredible things their bodies can do!

Kaleidoscopes

After learning all about the workings of our eyes, the students made their own kaleidoscopes. They used shiny foil to reflect colorful patterns and were thrilled to peek inside, watching as light bounced around, turning their drawings into magical, ever-changing designs. As they twisted the tubes, new patterns and colors appeared like a rainbow in a tunnel, making them gasp with excitement. It was a playful way to learn about light, reflection, and how our eyes see color.

我們如何看見？

在這項康橋未來技能專題中，學生踏上一場刺激的冒險，學習看待我們周圍的世界！他們發現，我們的眼睛接收光線並向大腦發送訊號，幫助我們理解所看到的事物。學生對眼睛的不同部位，如瞳孔和晶狀體相互合作聚焦光線而感到著迷。他們驚訝地發現光線如何從物體反射並進入我們的眼睛，使我們能夠看到周圍充滿活力的色彩。透過實作活動，他們探索眼睛如何偵測光線，以及大腦如何瞬間解讀這些訊號。我們回顧五種感官，幫助學生理解眼睛如何與其他感官相互合作（例如耳朵用於聽覺，手用於觸覺），使我們能以更全面的方式探索和發現這個世界。學生現在對身體所能做到的不可思議的事情有更深的體會！

萬花筒

在學習眼睛的運作方式後，學生製作自己的萬花筒。他們使用閃亮的鋁箔來反射自己豐富多彩的圖案。他們興奮地向內窺視，看著光線四處反射，將其設計變成神奇的、不斷變化的圖案。當他們旋轉萬花筒時，新的圖案和顏色就像隧道中的彩虹一樣出現，讓他們興奮不已。這是一種有趣的學習方式來瞭解光線、反射以及我們的眼睛如何看顏色。

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1 ASK + IMAGINE 提問 + 創思

We learned about our eyes and now know how our eyes see objects as well as color. 我們學習有關眼睛的知識，並知道眼睛如何看見物體以及顏色。



4 CREATE 創造

It was fun making our own unique designs for our kaleidoscopes. 製作自己獨特設計的萬花筒真的很有趣。



5 IMPROVE 改進

After making kaleidoscopes, we recorded the steps we followed. 製作完萬花筒後，我們紀錄需遵循的步驟。

