

SCIENCE INQUIRY

QUESTION: CAN YOU SEE WITHOUT LIGHT?

Observation:

Box
One Hole
All look at it the same way.
Dark room with only sunlight

Look in the box through the hole. What do you see? Write a description of it below using good fifth grade sentences.

Hypothesis:

Write what you think we could do to be able to see in the box. Make a plan a describe it!

TEST:

Many plans call for adding an extra hole in the box. I have added one hole to every box on the top.

What happens when we test our plan? Can you see any better? Do you know what is in the box? Don't use sound to decide. Use your eyes!

Change a Variable!
Variable is a change in an experiment.

Variable Change: Add a flashlight to each group. One person will hold the box as described earlier while the other shines the light at the box.

Did the flashlight help you see the objects? Why?

How can we all adjust our flashlights so that we could see inside the box?

Let's try it!

Conclusion:

What do you think this experiment proves today? Write a complete answer below? Think about what you learned today, and how your tests worked in our lab.
