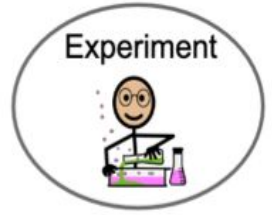




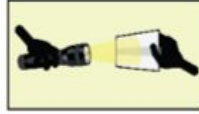
experiment



NEED



What Will Block the Light?



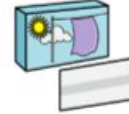
flashlight



12-in piece plastic wrap



1 dryer sheet



1 sheet felt



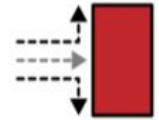
What We Know:

- Things are made of different materials.
- Some things we can see through.
- Some things we cannot see through.



Step 1: Ask a Question

- Which material will block the most light?

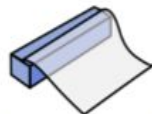


Step 2: Make a Guess / Hypothesis

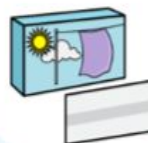
I think...



The plastic wrap will block the most light.



The dryer sheet will block the most light.



The felt will block the most light.



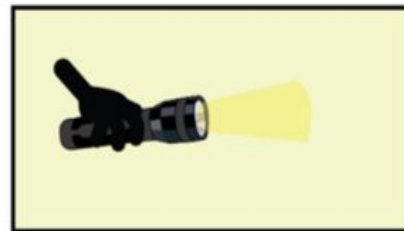


Step 3: Do an Experiment

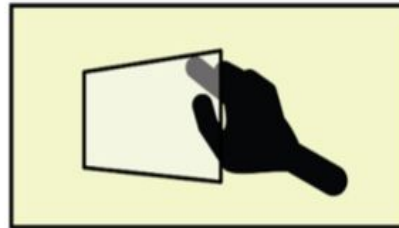
1. Dim light in classroom.



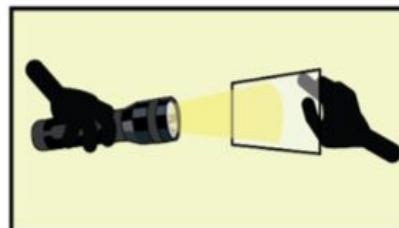
2. Turn on flashlight and shine it on wall.



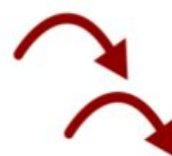
3. Hold plastic wrap in front of flashlight.

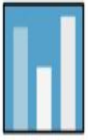


4. Observe light that passes through plastic wrap. Record your observations.

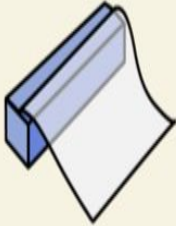













5. Repeat steps 3 and 4 with dryer sheet and felt.





Step 4: Organize Data

Material			
 plastic wrap	<p>Most of the light passes through.</p> 	<p>Some of the light passes through.</p> 	<p>None of the light passes through.</p> 
 dryer sheet	<p>Most of the light passes through.</p> 	<p>Some of the light passes through.</p> 	<p>None of the light passes through.</p> 
 felt	<p>Most of the light passes through.</p> 	<p>Some of the light passes through.</p> 	<p>None of the light passes through.</p> 



Step 5: Find the Conclusion

Which of the materials did most of the light pass through?



plastic wrap



dryer sheet



felt



Which of the materials did some of the light pass through?



plastic wrap



dryer sheet



felt



Which of the materials did none of the light pass through?



plastic wrap



dryer sheet



felt



Which blocked the most light from shining through?



plastic wrap



dryer sheet



felt





Step 5: Find the Conclusion

Was your guess correct?



yes



no

