

Color and Energy Lab

Question: What color absorbs the most solar energy?

Research: Write everything you know about color, solar energy, and heat (thermal energy).

Hypothesis: Make a hypothesis for this experiment. Be sure to explain what you think will happen and why.

Materials: List all the necessary materials to conduct this experiment.

Procedure: Write a step-by-step procedure to test your hypothesis.

Observations/Results: Record your data and describe what happened.

Color	Initial Temperature (F)	Final Temperature (F)
Black		
White		
Red		
Orange		
Yellow		
Blue		
Violet		

Conclusion: What can you conclude from this experiment? What follow-up experiments could you conduct?