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| Science Lab ReportA picture containing clock  Description automatically generatedA picture containing plate  Description automatically generated |

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| Experiment: What Absorbs More Heat?  The **more** light the object **absorbs**, the **more heat** absorbed since light is energy. |

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| **Materials:**  2 identical drinking glasses.  Water  Thermometer (optional)  2 rubber bands or tape  White paper  Black paper | **Questions to Answer**: If you were outside in the sun and you were wearing white clothes, would you stay cooler with white clothes or with black clothes?  **Hypothesis:** Which color, white or black, will keep you cooler in the summer? Write your answer below, then you can test your hypothesis.  ­­ |

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| **Steps:**  1.Take the white paper and wrap it around the glass, use a rubber band or tape to hold it on.  2.Take the black paper and wrap it around the other glass, use a rubber bad or tape to hold it on.  3.Fill both glasses with the same amount of water.  4.Leave the glasses with water outside in the sun for 3 hours.  5.Each hour test to see which water is warmest. If you don’t have a thermometer, use your finger.  **Results: Answer the following questions.**  Did your temperatures change hourly? (if you didn’t have a thermometer you used your finger)  What color should you wear in the Summer to stay cool? Why? |