

Data Sheet:

Name: _____

Material: _____

NEVER aim lasers at a person's eyes or face.

Always hold the laser at least one foot away from the sample.

Make a prediction

Write one or two sentences below about whether you think your sample will heat at the same rate, slower, or faster than one being tested at another station and why:

Heating (Lamp On)

Time	0 min	1 min	2 min	3 min	4 min	5 min	6 min	7 min	8 min	9 min	10 min
Temperature (degrees F)											

Cooling (Lamp Off)

Time	0 min	1 min	2 min	3 min	4 min	5 min	6 min	7 min	8 min	9 min	10 min
Temperature (degrees F)											

Observation

Write one or two sentences about the difference between your prediction and observation (if any). Explain why it was the same or different:

Impact

Write one or two sentences about where the material you observed can be found in every-day life and what impact it might have on the surrounding environment: