

DATA SHEET

First reading _____

Material	Reading	Material	Reading
Plastic Sheets		Wax Paper	_____
Clear	_____	Wood	_____
Red	_____	Leaf	_____
Blue	_____	Water	_____
Green	_____	Glass	_____
Yellow	_____	Therm	_____
Red	_____	Goggles	_____
_____	_____	_____	_____

1. According to your results, which materials are good transmitters of solar energy?
2. Name those materials tested which do not transmit solar energy.
3. What is meant by the term "transmit" as it applies to solar energy?
4. Define "translucent", "transparent" and "opaque".
5. Which of the materials you used in your experiment were translucent? transparent? opaque?