## **Investigating Thermostats at Home**



•	Questions				
ls :	your thermostat set to re	eflect the seasons?			
Ar	e you wasting or saving	energy?			
***	€ Hypothesis:				
_	Procedure				
1.	Locate the thermostate	(s) in your home.			
2.	With the help of an adult, record the thermostat settings for your home:				
	Cooling Season:				
	<74°	74°-75°	76°-77°	> 77°	
	Heating Season:				
	>74°	72°-74°	69°-71°	<68°	
3.	We change our furnace	e or air conditioning filte	ers this many times a year:		
	Never	Once	2-3 times	> 3 times	
4.	Are there any heat-em the thermostat?	itting devices located n	lear the thermostat(s)? If so,	, describe the items. How woul	d this affect the operation of
5.	Show your family the <i>Thermostat Temperature Guide</i> and explain how it can help your family save money and energy.  Decide with your family two ways you can save energy on heating and cooling:  1				
	Post the Thermostat Te		ominent place as a reminder	to you and your family.	
		HEATING			

**ENERGY SAVING ENERGY WASTING** +10% +20% +30% +40% +50% +++++++ -20% -10% 0% 80° 64° 66° 68° 70° **74°** 76° **78**° -10% -20%

ENERGY WASTING

ENERGY SAVING

COOLING