ELEMENT CHARACTERISTICS

Directions: If an object is malleable, write a check mark. If it is not, write an X.

MALLEABILITY				
PLAY-DOH	ALUMINUM FOIL	COPPER WIRE	SIMILARITIES	DIFFERENCES

Directions: If an object is ductile, write a check mark. If it is not, write an X.

DUCTILITY				
PLAY-DOH	ALUMINUM FOIL	COPPER WIRE	SIMILARITIES	DIFFERENCES

Directions: If an object has luster, write a check mark. If it does not, write an X.

LUSTER				
PLAY-DOH	ALUMINUM FOIL	COPPER WIRE	COIN	ROCK

Directions: In this activity, you are looking for a change in termperature. It may be subtle, but you should see differences in temperature in the aluminum and copper; the Play-Doh temperature should remain unchanged. Keep in mind that conductivity is not just about electricity. Make a prediction before you start: do you think each material will conduct heat or not? Write your predictions in the prediction section before you write the temperature.

CONDUCTIVITY								
PLAY-DOH			ALUMINUM FOIL			COPPER WIRE		
PREDICTION	BEFORE	AFTER	PREDICTION	BEFORE	AFTER	PREDICTION	BEFORE	AFTER