

Coal Identification Worksheet



AMERICAN COAL FOUNDATION

Name: _____

Date: _____

Visually examine and hold the four samples.
Complete the chart below.

Sample	Evidence of Plant Origin	Hardness	Luster	Other Characteristics
1				
2				
3				
4				

Hypothesis: Identify each sample as one of the following: peat, lignite, bituminous, or anthracite.

Sample 1 is _____
 Sample 2 is _____
 Sample 3 is _____
 Sample 4 is _____

Record below your observations of the burning of the four samples.

Sample	Speed of Ignition	Flame Color	Length of Burning	Odor
1				
2				
3				
4				

Has your hypothesis changed? Identify each sample again.

Sample 1 is _____
 Sample 2 is _____
 Sample 3 is _____
 Sample 4 is _____