

Carbon Moves! Demonstrations Student summary page

Name _____

Date _____

Period _____

Review your class notes or the powerpoint to complete the summary table.

Process	Chemical Reaction	Reactants	Products	Transformation of carbon
Combustion	Carbon source + O ₂ → CO ₂ + H ₂ O	Carbon source + O ₂	CO ₂ + H ₂ O	Solid to gas
Cellular respiration				
Decomposition				
Diffusion	N/A	N/A	N/A	
Photosynthesis				
Formation of fossil fuel	**			
Formation of limestone	**			

** describe how these are made. You do not need a chemical equation

I noticed ...

I wondered ...

Questions:

Use the data table to look for patterns. You should try to find at least three different categories and write the processes in the appropriate category.