#3	Is it still matter?
Time	10 Minutes
Materials	• Material 1- Hot Plate • Material 2- Coffee Filters……MUST be white and 10-12 cup size • Material 3- Food Coloring • Material 4- Water
Guiding Questions	
A. Question 1- Is liquid water still water when evaporation occurs? B. Question 2- Is evaporated water still matter?	
Plan	
• Plans for part 1 of activity o Guiding Questions to ask during this part of the activity: Is liquid water still water when evaporation occurs? Is evaporated water still matter? o Anticipated Student Responses to guiding questions: No, because it disappears. o Put 250 ml into a pot and color the water blue. Turn on the hotplate and let the water boil. Having the coffee filter over the pot will pick up the color from the water as it evaporates into the air. • Plans for part 2 of activity o Guiding Questions to ask during this part of the activity: Is liquid water still water when evaporation occurs? Is evaporated water still matter? o Anticipated Student Responses to guiding questions: Yes, it is still water just in a gaseous form. It is still matter, just in the air. o Discuss that boiling the water changed its state but did not change the matter itself. The blue on the coffee filter proves that the water went through the filter as it was entering the gaseous state.	
Differentiation	• Strategy 1- Peer discussion • Strategy 2- Visual of coffee filter with color
ELL Modification	• Modification 1- Visual of coffee filter with color • Modification 2- social interaction
Check for Understanding	How you will assess or check for student understanding throughout this activity. Students will journal about the activity and what is happening.