Preston High School Geography Department

**EARTH’S CYCLES GROUP ASSIGNMENT AND PRESENTATION**

**CGR 4MI**

All living things depend upon Earth’s cycles to provide them with what they need to survive. These cycles move energy, nutrients, water etc. between all living things in order to keep them alive. The cycles are balanced and in harmony with other cycles on earth and replenish constantly the areas where needed.

Your task is to use some of your group skills (decision making, leadership) to research and create a PowerPoint presentation for the class for your specific cycle.

The cycles are:

1. Energy Cycle (Earth’s System)

2. Energy Cycle (Ecosystems)

3. Water Cycle

4. Carbon Cycle

5. Nitrogen Cycle

6. Phosphorous Cycle

**Requirements :**

1. Describe the nature of the cycle, the location (sphere), purpose and importance of the cycle
2. Include and explain using a diagram.
3. Give examples of the cycle in action – use a diagram
4. Discuss the consequences of interrupting the cycle
5. Discuss the impact of Human Activity on the Cycle
6. Discuss the effect on the economy (both positive and negative)
7. What are we doing to save the cycle – NGO’s, international agreements etc.

**Include a Reference List of sources (work cited) in APA format. (one per group)**

**Format:**

It must be a PowerPoint – not a Prezi. It will be loaded on the website and students are responsible for the information presented in all cycles. Therefore, although you will have a script, you must include the information on the slides themselves. It is acceptable to include a short u –tube or other video to show if you want. Please embed it in the slide show.

Your presentation must be on memory stick and it will be played from Mr. Tilt’s desktop where YouTube can be accessed. Presentations should be 5 – 10 min in length. No more than 10 min.

**Resources:**

This Earth Chapter 5 pages 47 – 59.

**Timeline:**

**Wed:** Room 99 work period **Thurs:** Room 221 work period **Friday:** presentations