**LEWISBURG AREA SCHOOL DISTRICT**

**LESSON PLAN**

**Teacher Name: \_\_\_\_\_Van Wagner\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_AP Enviro**

**Topic: \_\_\_Env econ and ethics and EIS review \_\_\_\_ Date of Lesson: \_\_Class #7\_\_**

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| **DESIGN QUESTION FOCUS** | Introducing New Knowledge | Deepening or Practicing | Generating & Testing Hypotheses |

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| **LESSON ESSENTIAL QUESTION**: | How do we balance human needs and wants with limited natural resources available? | | |
| **STANDARD / LEARNING TARGET:** | * Describe the resource use by students in highly developed countries * Contrast this with resource use by people in less developed countries.   Describe the three most important factors that determine human impact on the environment. | | |
| **ACTIVATING STRATEGIES**:  (Anticipatory Set) | Bell Ringer: Which of the following is NOT a common-pool resource?  a) The atmosphere  b) The oceans  c) Rivers and lakes  d) Oil reserves  e) Ecosystem biodiversity  ans d) | | |
| **KEY VOCABULARY**: | observation, hypothesis, variable, independent variable, qualitative observation, quantitative observation, data, conclusion, scientific law, scientific theory, constant, inference, prediction, | | |
| **RESOURCES:** | Teacher slide show, demonstration, and lecture. | | |
| **TEACHING STRATEGIES**: | Speed science; EIS projects  Students share their –work-in-progress EIS with fellow students. Switch people every 2 minutes. (do as many as possible in 20 or so min)  Chapter 2 ppt. as many slides as possible  Review for Unit 1 exam (exam next class) using study cards online | | |
| **EXTENDED THINKING ACTIVITY / ASSIGNMENT:** | Exam next class | | |
| **SUMMARIZATION/ CLOSURE:** | Exit Bell Ringer: The wealthiest twenty percent (20%) of the world’s population generates what percentage of the world’s pollution and waste?  Answer: 50% | | |
| **ADAPTATIONS for**  **HISTORICALLY UNDERPERFORMING STUDENTS** | | Instructions will be given orally as well as in written form.  I will continue to develop close personal relationships with my students to better identify ways to reach each learner. |
| **FORMATIVE ASSESSMENT** | | Chapter 1 quiz was scored and reviewed last class.  Students can retake up to 2 times.  Unit 1 exam next class will allow for additional assessment. |