**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 atmosphereb) The oceansc) Rivers and lakesd) Oil reservese) Ecosystem biodiversityans 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 projectsStudents 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 possibleReview 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.  |