**LEWISBURG AREA SCHOOL DISTRICT**

**LESSON PLAN**

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

**Topic: \_\_\_scorecard.org Date of Lesson: \_\_Class #43**

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| **LESSON ESSENTIAL QUESTION**: | How do we balance human needs and wants with limited natural resources available? |
| **STANDARD / LEARNING TARGET:** | Objective: Students will investigate land cover changes in the Bull Run Creek Watershed and apply that to the concept of the heat island effect.. |
| **ACTIVATING STRATEGIES**:  (Anticipatory Set) | Bell Ringer: in slides |
| **KEY VOCABULARY**: | Atmosphere, troposphere, stratosphere, ozone, radiation, |
| **RESOURCES:** | Teacher slide show, demonstration, and lecture. |
| **TEACHING STRATEGIES**: | Slide show / notes (slides start with slide 27)  Complete scorecard.org lab  If time, collect air pollution traps and analyze data |
| **EXTENDED THINKING ACTIVITY / ASSIGNMENT:** | Chapter 9 questions |
| **SUMMARIZATION/ CLOSURE:** | Wrap- up / class discussion |