

LESSON PLAN ON BIOMES USING THE FILM:

PLANET EARTH

Class – AP Environmental Science

SUBJECTS – Soils, biomes and adaptations

MPAA Rating: NR; Documentary; 2007, 50 minutes; Color.

The episode of the Planet Earth series, “Pole to Pole”, shows the Earth’s different climates and some of the adaptations that both plants and animals have had to develop due to the various climate conditions

Learner Outcomes/Objectives: Students will get a visual understanding of the various biomes such as rainforest, desert, tundra, and grassland. Students will be able to name multiple species and discuss their adaptations.

Rationale: Biomes and adaptations to climate are a part of the AP Environmental Science curriculum. In order for students to better understand some of these topics, dramatic visualizations can be used, i.e. film, in order to concrete some of their knowledge.

The video supplements the climate graphs, soil labs, and discussions that we use in the Earth and Climate unit. It helps support, with real world examples and proponents, many of the topics that they will come across both in class and on the AP exam.