



AP Environ. Sci. course outline

I. I.

Interdependence of Earth Systems

A. Energy flows

1. Matter cycles

a. Earth

(1) atmosphere

(a) Biosphere

i) SDS 1: What is sustainability?

II. III. Resources

A. Water

1. Minerals

a. Soils

(1) Biological

(a) Energy

i) Land

(1) SDS 3: Natural Capital

III. VI.

Environment & Society

A. Economic forces

1. Cultural considerations

a. Environmental ethics

(1) Environmental laws/regulations

(a) Issues & options

i) SDS 8: Identifying local solutions

ii) SDS 9:

Form subcommittees: research local action initiatives.

iii) SDS 10: Subcommittee research report presentations

iv) SDS 11: Drafting a local action plan.

v) SDS 12 - 14: Design and build model.

(1) SDS 15: SDS exhibition

AP EXAM

IV. Environmental Quality

I. Air/Water/Soil

A. Solid Waste

1. Impact on Human Health

a. SDS 4: Indicators for envir. sustainability

b. SDS 5:

Nitty Gritty

c. SDS 6:

1st Town meeting-Assessing local indicators

II.

Human Pop. Dynamics

I. History/distribution

A. Carrying capacity

1. SDS 2: Changing communities.

V.

Global changes

I. 1st order effects

A. Higher order interactions

1. SDS 7: 2nd Town meeting: Identifying local problems