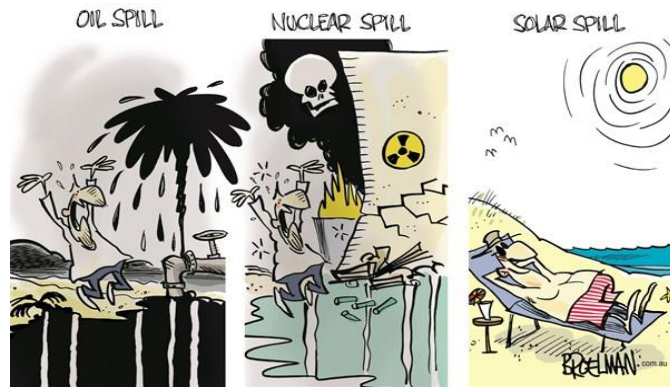


APESreview Ch 14-16: Geology & Energy Resources



Top 15 Terms for This Exam

Weathering

Types of Rocks

Types of Mining

Bitumen

Photovoltaic Cells

Oil Recovery

Chernobyl

Nuclear Power

Ore

Plate Boundaries

Lithosphere

Aesthenosphere

Plate Tectonics

OPEC

Three Mile Island

The Gimme Question for This Exam

Chemical weathering will increase with _____ temperature.

a. increasing

b. decreasing

c. constant

d. variable

Video Review Links

[Fracking](#)

[Mountaintop Mining](#)

[Nuclear Power](#)

[Solar Power](#)

[Geothermal Power](#)

[Fracking Song](#)

[Coal](#)

[Biomass](#)

[Hydroelectric Power](#)

[Natural Gas](#)

College Board Objectives

ERT-4.A. Describe the geological changes and events that occur at convergent, divergent, and transform plate boundaries.

EIN-2.K. Describe natural resource extraction through mining.

EIN-2.L. Describe ecological and economic impacts of natural resource extraction through mining.

EIN-2.N. Explain the variables measured in an ecological footprint.

STB-1.A. Explain the concept of sustainability.

ENG-3.A. Identify differences between nonrenewable and renewable energy sources.

ENG-3.B. Describe trends in energy consumption.

ENG-3.C. Identify types of fuels and their uses.
ENG-3.D. Identify where natural energy resources occur.
ENG-3.E. Describe the use and methods of fossil fuels in power generation.
ENG-3.F. Describe the effects of fossil fuels on the environment.
ENG-3.G. Describe the use of nuclear energy in power generation.
ENG-3.H. Describe the effects of the use of nuclear energy on the environment.
ENG-3.I. Describe the effects of the use of biomass in power generation on the environment.
ENG-3.J. Describe the use of solar energy in power generation.
ENG-3.K. Describe the effects of the use of solar energy in power generation on the environment.
ENG-3.L. Describe the use of hydroelectricity in power generation.
ENG-3.M. Describe the effects of the use of hydroelectricity in power generation on the environment.
ENG-3.N. Describe the use of geothermal energy in power generation.
ENG-3.O. Describe the effects of the use of geothermal energy in power generation on the environment.
ENG-3.P. Describe the use of hydrogen fuel cells in power generation.
ENG-3.Q. Describe the effects of the use of hydrogen fuel cells in power generation on the environment.
ENG-3.R. Describe the use of wind energy in power generation.
ENG-3.S. Describe the effects of the use of wind energy in power generation on the environment.
ENG-3.T. Describe methods for conserving energy.
STB-3.B. Describe the impacts of human activities on aquatic ecosystems.

(ENG=Energy Transfer, ERT=Interactions Between Earth Systems, EIN=Interactions Between Species and the Environment, STB=Sustainability)