

Explain what the Clean Air Act, the Clean Water Act, and the Safe Drinking Water Act are.

Explain the differences between clastic sedimentary rocks and non-clastic (chemical and/or organic) sedimentary rocks. Provide at least 3 examples of each type.

Explain the difference between point source and non-point source pollution. Provide examples of each.

List four or five characteristics that define a mineral

Explain the differences between contact metamorphism and regional metamorphism

List the 3 main fossil fuels and describe them

Make a list of minerals that are lighter and less dense. Also make a list of minerals that are darker and more dense.

List four different ways that minerals may form.

Describe at least 4 ways sediment can be transported or eroded.

List 8 properties of minerals.

Make a table of five textures of igneous rocks, a description of the textures, and an example of each. Make sure to include how each one cools.

List the 6 mineral groups and what characterizes them.

Make a diagram of the rock cycle. Be sure to include magma, sediment, and the processes which turn one rock into another.

Explain the differences between renewable and non-renewable energy resources. Provide examples of each.

Describe both the internal processes and the external processes that drive the rock cycle and how they do it.

List three different ways metamorphic rocks can form

Explain the difference between foliated and non-foliated, and banded and non-banded. Give examples of a metamorphic rock in these categories.

Make a table describing at least 6 alternative energy sources. Discuss advantages and disadvantages.

Explain at least 2 differences between extrusive ("volcanic") rocks and intrusive ("plutonic") rocks.

Describe the four steps in the formation of a sedimentary rock.

Describe at least 5 features of sedimentary rocks and how they each are clues to the environment in which the rock was formed.