**Test 1 Study Guide Earth’s Changing Atmosphere**

*There will be 30 to 40 multiple-choice questions, and will cover all pages in your new notebook.*

Vocabulary (define the following terms):

Atmosphere –

Altitude-

Density –

Cycle –

Radiation –

Conduction-

Convection –

Ozone-

Air Pollution –

Fossil Fuel -

Particulates –

Ultraviolet Radiation-

Infrared Radiation-

Greenhouse Gas-

Greenhouse Effect –

What are the two most common gases in our atmosphere?

What happens with density as altitude increases?

What are the three main fossil fuels?

What can we do to reduce greenhouse gases?

What events can cause changes in our atmosphere?

Give examples of greenhouse gases.

In what ways are pollutants harmful?

1.

2.

3.

Name some examples of air pollution.

Give examples of what can contribute to the greenhouse effect –

How does infrared radiation act as a blanket in our troposphere?

Explain how our Earth/atmosphere are heated using radiation, conduction, and convection. The sun heats the ground through radiation.

What are the five layers of the atmosphere what happens to temperature as altitude increases in each one? What also occurs in each layer?

1.

2.

3.

4.

5.

Where is ozone (what layer(s) of the atmosphere) and what does it do in each layer?

Name three examples of CFC’s and explain why they are bad for our environment.

1.

2.

3.

Give three examples about why our planet is getting warmer.

1.

2.

3.