# 18A –

3: Sketch and label the 2 different composition regions of the atmosphere, including the layers that make them up.

8: Why can’t plants get nitrogen directly out of the air to use for building tissues?

# 18B --

1: Name 3 special layers or regions of the atmosphere.

4: Why are scientists concerned about the ozone layer?

5: Why wouldn’t NASA want to use long-wave radio communications to stay in contact with astronauts in the International Space Station?

# 18C –

3: Make a sketch that shows what happens to the sun’s radiant energy as it passes through the earth’s atmosphere to the earth’s surface.

4: Compare the three different ways that the sun warms the earth.

5: Describe the greenhouse effect.

6: Which 2 gases contribute most to the greenhouse effect?

Review – page 444

1: What is air pollution? Why is it a problem?

2: What makes Earth’s atmosphere different from those surrounding other bodies in our solar system? Why is this significant?

17: Make 3 columns titled radiation, conduction and convection. Write 2 everyday examples in each column that are different from those mentioned in the text.