Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per. \_\_\_\_ Date: \_\_\_\_\_\_\_\_

**ICE AGE NOTES**

What changes the energy budget?

Incoming Energy

▪ ▪

▪ ▪

Outgoing Energy

▪ ▪

▪ ▪

What happens to the climate if Earth receives or absorbs more solar energy?

What happens to the climate if Earth receives or absorbs less solar energy?

About every \_\_\_\_ years our sun goes through cycles of \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_ output. Sunspots \_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ in response to the changing activity. More sunspots indicate that the sun is …

WHEN and WHAT was the Little Ice Age:

Define ECCENTRICITY:

Define OBLIQUITY:

Define PRECESSION:

Why are the seasons not all the same length?

What determines when each season starts?

SUMMER

AUTUMN

WINTER

SPRING

What kinds of surfaces absorb more solar energy?

What kinds of surfaces reflect more solar energy?

List four gases in our atmosphere that absorb heat well:

Where do these gases come from?

How do ocean currents affect climate?

Name the three air cells in the northern hemisphere:

What marks the boundaries between air cells?

What happens when the jet stream drifts?