**Names \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mapping the World’s Forest**

Please put both you and your partner’s name on this sheet. Answer the following questions using the laminated map provided by your teacher.

1. What continents have the world’s forests (include all types of forests)?
2. What do you notice about their distribution over the planet (Be specific)?
3. Name at least 3 patterns that you notice about the world’s forests.

1)

2)

3)

1. a ) What kind of ecosystem does this map say we live in?

b) How does our area compare with the areas around it?

1. Why might there be dense forests in the Amazon basin, but not in northern Africa?
2. What factors might influence where forests are found?

Find the equator and the Tropic of Cancer (dotted line at 30® N ) and the Tropic of Capricorn (dotted line at 30® S).

1. What do you notice about forest coverage in relation to these lines?
2. A) As you move away from the equator, how does temperature and climate change?
3. What causes this change?
4. List the biomes in order as you move away from the equator going North
5. List the biomes in order as you move away from the equator going South.
6. Is the pattern more or less the same in letters C or D? Why do you think this is?
7. Tropical forests have an average temperature of more than 18ºC all months of the year. Where would you expect to find such forests?
8. Boreal forests have an average temperature of more than 10ºC for just 1 to 4 months of the year. Where would you expect to find such forests?
9. Forests can be classified in many different ways, but one system uses temperature to classify them into 5 categories—tropical, subtropical, temperate, boreal, and polar. Use the map to find where those broad domains would roughly be found according to their latitude. On your own piece of paper make a table to organize your information and staple to the packet.

Based on the chart you made in your extreme journeys, answer the following questions:

1. For your north/south journey, what patterns did you notice in terms of the domains and ecological zones you traveled through?
2. For your east/west journey, what patterns did you notice in terms of the domains and ecological zones you traveled through?
3. What factors influence the domain of an area? What influences its ecological zone?
4. Why might it be useful to be able to categorize and map different forest types around the world?
5. How might the type of forest in a given location affect the people living there or elsewhere?