

## Science 9

### **Assignment 1 due: Thursday September 12th P6**

Answer all questions fully. Write neatly.

1. What is interspecies variation?
2. What is a keystone species?
3. Name 3 things that would be affected if bees became extinct?
4. Sketch the shape of the graph you would expect to get if you measured the sharpness of peoples eyesight? **&** what sort of distribution is this called?
5. Describe the process that leads to giraffes having really long necks.
6. What does flora and fauna mean?
7. What is the definition of a species?
8. What does *speciation* mean?
9. What do all living things want and need to do?
10. What are the two broad types of adaptations living things can make?
11. Why is intraspecific variation important for a species?
12. Briefly outline a method for determining how common an area is as a flight-path for migrating birds. Pay particular attention to good scientific practice.