**Evolution Test Next Tuesday!**

What to study….

* 22.2 – 22.3
* 23.1 – 23.4
* 26.1 – 26.4
* 1 Hardy Weinberg question
* Cladogram drawing

**March 5th Review notes:**

Macro vs. Microevolution (p. 159)

Why are mutations important?

Point mutations: definition =

Ex. Sickle cell disease

What kind of chromosomal mutations are there?

i)

ii)

iii)

What 3 mechanisms are cause for the shuffling of alleles?

i)

ii)

iii)

3 Major factors that bring about evolutionary change:

Natural selection:

Genetic drift

 Founder effect

 Bottleneck effect

Gene flow:

Review of the **three** ways of affecting the frequency distribution of heritable traits of natural selection – p. 158 and previous handouts (draw graphs):