**Biology 6th period – Wednesday May 20, 2009**

1. Watch the following video clips (links are from our web page and listed below) about DNA and DNA replication.

As you watch you should think about the following points:

The experiments we have talked about that helped people to understand what DNA is.

What the DNA structure is like.

How DNA is duplicated or copied when cells divide and replicate.

Video 1 – howstuffworks - *Genetics: Understanding DNA*

<http://videos.howstuffworks.com/hsw/24990-genetics-understanding-dna-video.htm>

Video 2 – Teacher’s Domain – *How DNA Replicates*

<http://www.teachersdomain.org/asset/tdc02_vid_dnaanimation/>

Animation 1 – Lew-Port’s Biology Place – a simple animation of dna replication

<http://www.lpscience.fatcow.com/jwanamaker/animations/DNA%20Replication%20-%20long%20.html>

2. Use the handout and go through chp 11 activities on Biology.com

As you go through the web site, take time to understand the process of dna replication and how dna makes the proteins that make up you and your characteristics.

3. If you want practice problems for the genetics test, check the class web site. There are links on the homework section with problems and solutions.

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