**TO DO LIST DNA Chapters 13- 17**

**Miscellaneous**Make corrections on Semester test **by 3:30 pm THURSDAY 2/11** (must be done in class)
Make corrections on Metabolism test **by 3:30 pm FRIDAY 2/19** (must be done in class)
2 Science and Ethics Essays **DUE FRI 2/26**
 ~ Lab Book essay Pick ONE from page S128
 ~ Follett e-book "For the Good of Mankind" read one chapter
 and answer discussion questions at end of chapter
Human Body system projects Part 2
 Immune system **DUE TUES MARCH 29**

 Endocrine system **DUE MON APRIL 11**

**DNA to RNA to PROTEINS**BILL- DNA replication cut and paste **IN CLASS TUES 1/26**BILL- REPLICATION ?’s **DUE THURS 1/28**Watch Chapter 14 (Part 1, Part 2, & Part 3) videos **BY THURS 1/28**

Take Google docs Chapter 14 video quiz **BY FRIDAY 1/29**Transcription/RNA processing theater **IN CLASS 1/27**
BILL- DNA polymerase rules **DUE THURS 1/28**BILL-Missense, Nonsense, Silent mutations **DUE** **FRIDAY 1/29**
BILL-Alternative Gene Splicing **DUE FRIDAY 1/29**Refresh your Bio-brain Review **DUE MONDAY 2/1**

DNA → RNA → protein puzzle **DUE TUESDAY 2/2**Know Your Molecules organizer **IN CLASS Monday 2/1 Add this to your BILL**

Watch DNA People video **BY MONDAY 2/1**Take Google docs video quiz **BY MONDAY 2/1**BILL-Avery Experiment **IN CLASS MONDAY 2/1**
SHOW WHAT YOU KNOW VIDEO PROJECT **DUE TUESDAY 2/9**

**GENE REGULATION**BILL-Methylation & Epigenetics **IN CLASS 2/9**BILL-Methylation vs acetylation comparison
BILL- TATA Boxes **DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_**Pool noodle Operons **IN CLASS**Operon ?’s **DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**BACTERIA, VIRUSES & PRIONS**

Watch Bacteria, Viruses, & Prions video **BY** **TUESDAY 2/9**Take Google docs video quiz **DUE TUESDAY 2/9**

BILL- Prokaryote vs Eukaryote DNA VENN **DUE THURSDAY 2/11**

 **DNA TECHNOLOGY**
Watch Chapter DNA Technology videos (Part 1 & Part 2) BY \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Take Google docs video quiz **DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Use Campbell website: Activity-How Can Gel Electrophoresis Be Used to Analyze DNA? **DUE \_\_\_\_\_\_\_\_\_\_\_**

Cut & paste Plasmid **DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**BILL- PLASMID **DUE** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
BILL-Who’s the daddy? **DUE** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
BILL-Paternity problems **DUE** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
Desktop RFLP Analysis **IN CLASS ?’s DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**Know your Molecules organizer #2 **IN CLASS**Do some research on **LINUS PAULING**
 Complete the “What’s up with Linus Pauling?” sheet **DUE \_\_\_\_\_\_\_\_\_\_\_\_\_**
 \*Be sure to include a discussion about links to the 4 Big Ideas for AP BIO.

GMO’s PRO’s and CON’s DUE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use LABBENCH website to preview labs for LAB DAY

DNA electrophoresis/transformation LAB **DUE BEFORE LAB DAY**
Cell Respiration LAB **DUE BEFORE LAB DAY**
Enzyme catalysis LAB **DUE BEFORE LAB DAY**

BILL PRELAB ?’s **DUE BEFORE LAB DAY**