**AP BIOLOGY 2019-20 December 13, 2019**

**Today’s Agenda (Day 74)**

1. HOUSEKEEPING:

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1. Homework Check:

🡪Lab: Cellular Respiration

🡪 Chapter 16 Notes

1. Class Activity:

🡪 **QUIZ: Chapter 15 & 16**

🡪 **BEGIN:** Lab Reviews

HOMEWORK:

* Read Unit 3 – Chapters 17 - 21
* Study for Midterms

<http://www.barronsbooks.com/ap/bio/>

<https://www.varsitytutors.com/ap_biology-practice-tests>

<https://www.crackap.com/ap/biology/>

Chapter 15 – Chromosomal Basis of Inheritance

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| --- | --- | --- | --- | --- | --- |
| aneuploidy | Barr body | chromosome theory of inheritance | Deletions | Down syndrome | duplications |
| genomic imprinting | Inversions | linkage map | linked genes | monosomy | nondisjunction |
| parental types | Polyploidy | recombinant types | sex-linked genes | Translocations | trisomy |

Chapter 16 – Molecular Basis of Inheritance

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| --- | --- | --- | --- | --- | --- |
| Antiparallel | DNA ligase | DNA pol I | DNA pol III | DNA replication | double helix |
| Euchromatin | Helicase | Heterochromatin | Histone | lagging strand | leading strand |
| mismatch repair | Nucleases | Nucleosomes | nucleotide excision repair | Okazaki fragments | Phages |
| Primase | Primer | replication fork | semiconservative | Telomeres |  |

REMINDERS:

* **Chapter 15 & 16 Vocabulary Quiz 🡪 ~~December 10~~** December 13
* **Review for Midterms – Chapters 1 – 16, 47-48**