

| WEEK | DATE | TOPIC | LAB | CHAPTER |
|------|---------------------------------|--|--|--|
| 1 | 29-Aug 30-Aug 31 1-Sep | Intro | white powders white powders | Lec 1 <i>mon/wed 1:30-2:45, t/th 9:30-10:4</i> <i>Lab wed 9:30-12:15, th 12:30-3:1.</i> |
| 2 | 5-Sep 6 7 8 | NO CLASS Intro | atoms and molecules atoms and molecules | 1 <i>Read the chapter</i> <i>PRIOR to the lecture</i> <i>*Other sections of the text</i> <i>may be needed to fully</i> <i>comprehend the material</i> |
| 3 | 12-Sep 13 14 15 | Chemistry | DNA to protein Dna to protein | 2 |
| 4 | 19 20 21 22 | Biochemistry DNA to RNA | enzymes enzymes | 2 3 |
| 5 | 26 27 28 29-Sep | DNA to RNA to Protein | diffusion/osmosis1 diffusion/osmosis1 | 3 & 4 |
| 6 | 3-Oct 4-Oct 5 6 | Test 1 (1-4) Test 1 (1-4) Cell anatomy | fermentation fermentation | 5 |
| 7 | 10-Oct 11 12 13 | cell anat/energy | Photo/cell resp Photo/cell resp | 5 & 6 |
| 8 | 17 18 19 20 | Cell Respiration | Microscopes Microscopes | 7 |
| 9 | 24 25 | Phorosynthesis | | 8 |

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|----|--------|-------------------------|--------------------------------|
| | 26 | tissues | |
| | 27 | tissues | |
| 10 | 31-Oct | cellular communication | 9 |
| | 1-Nov | | |
| | 2 | mitosis/meiosis | |
| | 3 | mitosis/meiosis | |
| 11 | 7-Nov | Test 2 (5-9) | |
| | 8 | Test 2 (5-9) | |
| | 9 | Structure | 10 |
| | 10 | Genetics | |
| 12 | 14 | Mitosis/Meiosis | |
| | 15 | | 11 |
| | 16 | genetics2 | |
| | 17 | genetics2 | |
| 13 | 21 | Replication | 11 & 12 |
| | 22 | | |
| | 23 | No Class | |
| | 24 | No Class | |
| 14 | 28 | Genomes | 12 & 13 |
| | 29-Nov | | |
| | 30 | Gell electrophoresis | |
| | 1-Dec | Gell electrophoresis | |
| 15 | 5-Dec | Mutation/Variation | 14 & 15 |
| | 6 | | |
| | 7-Dec | genetic engineering | |
| | 8 | genetic engineering | |
| 16 | 12 | Test 3 (10-15) | |
| | 13 | Test 3 (10-15) | |
| | 14 | Inheritance | 16-17 |
| | 15 | review | portions 18-19 |
| | | review | |
| 17 | 19 | Final 1:30-4:30 | The final is cumulative |
| | 20 | Final 9:30-12:30 | |

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