

## Schedule for Review for AP-Biology

| <b>Video #</b> | <b>Title of the video &amp; the Link<br/>(or Google Bozeman Science and the title of the video)</b>                                                 | <b>Duration of<br/>the video in<br/>minutes &amp;<br/>seconds</b> | <b>Date</b> | <b>Time you<br/>watched the<br/>video<br/>From:<br/>To:</b> |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------|-------------------------------------------------------------|
| <b>1</b>       | Scientific Method<br><a href="http://www.bozemanscience.com/scientific-method">http://www.bozemanscience.com/scientific-method</a>                  | 10:40                                                             |             |                                                             |
| <b>2</b>       | Biogeochemical Cycles<br><a href="http://www.bozemanscience.com/biogeochemical-cycling">http://www.bozemanscience.com/biogeochemical-cycling</a>    | 10:07                                                             |             |                                                             |
| <b>3A</b>      | Ecological Succession<br><a href="http://www.bozemanscience.com/ecological-succession">http://www.bozemanscience.com/ecological-succession</a>      | 6:22                                                              |             |                                                             |
| <b>3B</b>      | Water & Life<br><a href="http://www.bozemanscience.com/water-life">http://www.bozemanscience.com/water-life</a>                                     | 10:44                                                             |             |                                                             |
| <b>4</b>       | Ecosystem Change<br><a href="http://www.bozemanscience.com/051-ecosystem-change">http://www.bozemanscience.com/051-ecosystem-change</a>             | 12:18                                                             |             |                                                             |
| <b>5A</b>      | Niche<br><a href="http://www.bozemanscience.com/niche">http://www.bozemanscience.com/niche</a>                                                      | 5:13                                                              |             |                                                             |
| <b>5B</b>      | What is DNA<br><a href="http://www.bozemanscience.com/what-is-dna">http://www.bozemanscience.com/what-is-dna</a>                                    | 10:30                                                             |             |                                                             |
| <b>6</b>       | Logistic growth<br><a href="http://www.bozemanscience.com/logistic-growth">http://www.bozemanscience.com/logistic-growth</a>                        | 10:55                                                             |             |                                                             |
| <b>7</b>       | Communities<br><a href="http://www.bozemanscience.com/046-communities">http://www.bozemanscience.com/046-communities</a>                            | 13:42                                                             |             |                                                             |
| <b>8A</b>      | Population Variation<br><a href="http://www.bozemanscience.com/054-population-variation">http://www.bozemanscience.com/054-population-variation</a> | 9:31                                                              |             |                                                             |
| <b>8B</b>      | Endosymbiosis<br><a href="https://paul-andersen.squarespace.com/endosymbiosis">https://paul-andersen.squarespace.com/endosymbiosis</a>              | 7:00                                                              |             |                                                             |
| <b>9</b>       | Populations<br><a href="http://www.bozemanscience.com/050-populations">http://www.bozemanscience.com/050-populations</a>                            | 11:13                                                             |             |                                                             |
| <b>10A</b>     | Biodiversity<br><a href="http://www.bozemanscience.com/055-biodiversity">http://www.bozemanscience.com/055-biodiversity</a>                         | 7:35                                                              |             |                                                             |
| <b>10B</b>     | The Cell Membrane<br><a href="http://www.bozemanscience.com/cell-membrane">http://www.bozemanscience.com/cell-membrane</a>                          | 6:22                                                              |             |                                                             |

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| <b>11</b>  | Abiogenesis<br><a href="http://www.bozemanscience.com/010-abiogenesis">http://www.bozemanscience.com/010-abiogenesis</a>                                                                                    | 8:34  |
| <b>12</b>  | The Origin of Life – Scientific Evidence<br><a href="http://www.bozemanscience.com/011-the-origin-of-life-scientific-evidence">http://www.bozemanscience.com/011-the-origin-of-life-scientific-evidence</a> | 14:15 |
| <b>13</b>  | Scientific Evidence for Evolution<br><a href="http://www.bozemanscience.com/004-evidence-for-evolution">http://www.bozemanscience.com/004-evidence-for-evolution</a>                                        | 13:04 |
| <b>14</b>  | Evidence for Evolution II<br><a href="http://www.bozemanscience.com/evidence-for-evolution-ii">http://www.bozemanscience.com/evidence-for-evolution-ii</a>                                                  | 9:23  |
| <b>15</b>  | Coevolution<br><a href="http://www.bozemanscience.com/coevolution">http://www.bozemanscience.com/coevolution</a>                                                                                            | 8:25  |
| <b>16</b>  | Genetic Drift<br><a href="http://www.bozemanscience.com/003-genetic-drift">http://www.bozemanscience.com/003-genetic-drift</a>                                                                              | 11:28 |
| <b>17A</b> | Microevolution<br><a href="http://www.bozemanscience.com/microevolution">http://www.bozemanscience.com/microevolution</a>                                                                                   | 7:39  |
| <b>17B</b> | Anaerobic Respiration<br><a href="http://www.bozemanscience.com/anaerobic-respiration">http://www.bozemanscience.com/anaerobic-respiration</a>                                                              | 7:59  |
| <b>18</b>  | Natural Selection<br><a href="http://www.bozemanscience.com/001-natural-selection">http://www.bozemanscience.com/001-natural-selection</a>                                                                  | 10:15 |
| <b>19</b>  | Speciation & Extinction<br><a href="http://www.bozemanscience.com/007-speciation-and-extinction">http://www.bozemanscience.com/007-speciation-and-extinction</a>                                            | 13:00 |
| <b>20A</b> | Three domains of Life<br><a href="http://www.bozemanscience.com/three-domains-of-life">http://www.bozemanscience.com/three-domains-of-life</a>                                                              | 7:29  |
| <b>20B</b> | Cell Membranes<br><a href="http://www.bozemanscience.com/015-cell-membrane">http://www.bozemanscience.com/015-cell-membrane</a>                                                                             | 11:03 |
| <b>21A</b> | Plants<br><a href="http://www.bozemanscience.com/plants">http://www.bozemanscience.com/plants</a>                                                                                                           | 7:47  |
| <b>21B</b> | DNA & RNA Part 1<br><a href="http://www.bozemanscience.com/027-part-1-dna-rna">http://www.bozemanscience.com/027-part-1-dna-rna</a>                                                                         | 12:28 |
| <b>22A</b> | Finding Stomata<br><a href="http://www.bozemanscience.com/finding-stomata/">http://www.bozemanscience.com/finding-stomata/</a>                                                                              | 4:29  |

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| <b>22B</b> | Biological Molecules<br><a href="http://www.bozemanscience.com/042-biological-molecules">http://www.bozemanscience.com/042-biological-molecules</a>                                | 15:19 |
| <b>23</b>  | Plant Nutrition & Support<br><a href="http://www.bozemanscience.com/plant-nutrition-transport/">http://www.bozemanscience.com/plant-nutrition-transport/</a>                       | 14:07 |
| <b>24</b>  | Plant Structure<br><a href="http://www.bozemanscience.com/plant-structure">http://www.bozemanscience.com/plant-structure</a>                                                       | 13:37 |
| <b>25</b>  | Photosynthesis & Respiration<br><a href="http://www.bozemanscience.com/013-photosynthesis-and-respiration">http://www.bozemanscience.com/013-photosynthesis-and-respiration</a>    | 15:38 |
| <b>26A</b> | Circulatory System<br><a href="http://www.bozemanscience.com/circulatory-system">http://www.bozemanscience.com/circulatory-system</a>                                              | 11:34 |
| <b>26B</b> | Reproductive System<br><a href="http://www.bozemanscience.com/reproductive-system">http://www.bozemanscience.com/reproductive-system</a>                                           | 8:59  |
| <b>27</b>  | Cell Cycle, Mitosis and Meiosis<br><a href="http://www.bozemanscience.com/028-cell-cycle-mitosis-and-meiosis">http://www.bozemanscience.com/028-cell-cycle-mitosis-and-meiosis</a> | 13:38 |
| <b>28</b>  | Immune System<br><a href="http://www.bozemanscience.com/immune-system">http://www.bozemanscience.com/immune-system</a>                                                             | 13:47 |

Dear AP-Biology Students,

Welcome to the world of AP-Biology!

1. Above table has the links for review videos. Please watch the videos with full attention and take *at least* one page of notes (front & back). Turn them in together (stapled) on or before September 30th, 2024, for a grade. This activity will help you refresh and strengthen the knowledge you gained in the Bio-1 class. I strongly recommend starting watching videos early in the summer vacation. How about one video a day, for 28 days!

The link for each video is given. Alternatively, you can Google the video title under Bozeman Science or visit the following link

<http://www.bozemanscience.com/biology-main-page/>

## Schedule for Review for AP-Biology

Find the title of the video and click on it.

Rubric:

1. A fresh sheet of paper for *each* video notes
  2. Name (last name and first name) in the top right-hand corner for *each* video notes
  3. Title of the video *and* the time you watched it on the first line
  4. Detail notes on the video
  5. Neat handwriting, in ink
  6. All notes stapled together or in a folder, submitted on or before the due date.
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2. Students are also recommended to purchase the Barron's or Princeton's Student workbook. (available on Amazon.com)

Questions? Stop by at room T-222.