|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Weeks | Unit | My Chapters | Topic | Standards | Labs |
| 2 | Science of Biology & Class Overview |  | Establish Procedures  FFA Involvement  Biology Overview | (FDN) 1.2,  (AG) C 13.0 |  |
| 3 | Ecology |  | Biosphere  Populations | (BLS) 6 a-g (FDN) 1.1,1.2 5.0, 5.3, 9.0, 9.3 (AG) C 2.0, 3.0, 10.0, 11.0, 11.12, 12.0; D 3.2; E 2.0, 5.2, 5.3, 6.0; F 2.0 |  |
| 6 | Cell Biology |  | Structure and Function  Photosynthesis  Cellular Respiration  Growth & Division | (BLS) 1 a-j (FDN) 1.2, 4.0, 5.0, 5.3, 10.0 (AG) C 3.1, 3.2, 5.0-5.4, 8.1, 9.2, 9.3, 10.2, 11.1-11.6, 13.1, 13.3; G 2.0, 2.6 |  |
| 6 | Genetics |  | Intro to Genetics  Mutation & Sexual Reproduction  Human Genome & Heredity  DNA & RNA | (BLS) 2 a-g, 3 a-d, 4 a-f, 5 a-e(FDN) 1.1, 1.2, 2.2, 2.4 (AG) C 3.3, 4.2, 7.1, 7.3, 7.4, 7.5, 11.1, 11.4,13.3; D 4.0, 4.4, 5.1, 5.2, 5.4; F 3.0, G 2.4, 2.5, 4.0, 11.0 |  |

Ag Biology Year Plan

(37 weeks)\* Biology/Life Sciences Standards denoted (BLS). Agriculture Content Standards denoted (AG). Foundation Standards denoted (FDN)

Use this as a template for planning your year. Take the opportunity to write in YOUR CHAPTERS from your selected text book, and make a note of labs you would like to use from the selections provided.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Second Semester | | | | | |
| 1 | Semester Pre-view |  | FFA Update and Semester Preview |  |  |
| 4 | Evolution |  | Allele Frequency  Darwin’s Theory  Evolution of Populations  History of Life | (BLS) 7 a-f, 8 a-g (FDN) 1.1, 1.2, 5.0  (AG) C 4.1, 4.2, 5.4, 7.1, 7.2, 132.3 |  |
| 4 | Physiology |  | Internal Stability  Structures & Functions  Organ Systems  Disease Defense | (BLS) 9 a-I, 10 a-f (FDN) 1.1, 1.2, 5.0 (AG) C 6.1, 6.28.1,8.3,9.1-9.4, 13.3; D3.0; F 2.0; G 3.0 |  |
| 2 | Review for Standardized Testing |  | Review 5 Major Concepts | All | Gallery  Learn-Book  Be the Teacher |
| 1 | Standardized Testing |  |  |  |  |
| 4 | Controversial Issues/ Mobile Labs |  | Exploration of controversial issues or areas of student interest. Field Trips/Mobile Labs can effectively be implemented as well. | (AG) D 9.0, E 2.0, E 13.0, G 11.0 |  |
| 3 | Record Keeping & Management |  | Record Book s Updated and Proficiency Award Applications Completed | (AG) A 4.0, |  |
| 1 | Finals Schedule |  |  |  |  |