|  |  |  |  |
| --- | --- | --- | --- |
| Quarter 1 | **Week** | **Major Concepts / Topics** | **Possible Resources** |
| 1-2 | SC.912.N.1.1-1.3, 1.4, 1.6, 2.1, 2.2, 3.1, 3.4: Beginning Science skills, Nature/Practice of Science | **Cpalms. Org** for all topics.  **Florida Student.org**: all topics  **Bozemanscience:** Biological Molecules, Carbohydrates, Lipids, Nucleic Acids, Proteins, Water & Life, Water A Polar Molecule. |
| 3-5 | SC.912.L.18.1, 18.11, 18.12, SC.912.L.18.2,18.3, 18.4: Macromolecules/enzymes/water properties |  |
| 6-9 | SC.912.L.14.1-4: Cells |  |
| Quarter 2 | **Week** | **Major Concepts / Topics** | **Possible Resources** |
| 1-2.5 | SC.912.L.16.3-16.5, 16.9, L.15.15: DNA/Protein Synthesis | **Bozeman Science:** Cell Cycle, Mitosis, Phases of Mitosis, Meiosis, Phases of Meiosis. |
| 2.5-5 | SC.912.L.16.14, 16.15, 16.16, 16.17, 16.8: Cell Cycle/Meiosis | **Bozeman Science:** DNA & RNA, What is DNA? Transcription & Translation, Genetics, Genotypes and Phenotypes. |
|  | 6-9 | SC.912.L.16.1, 2, 14.6, HE.912.C.1.7/1.5: Genetics |  |
| Quarter 3 | **Week** | **Major Concepts / Topics** | **Possible Resources** |
| 1-3.5 | SC.912.L.15.8, 15.14, 15.1, 15.13, 15.10 SC.L.15.2, SC.912.L.15.3: Evolution | **Bozemanscience**: Evolution, Classification, Plants, Photosynthesis. |
| 3.5-5 | SC.912.L.15.4-15.6: Classification |  |
|  | 6-9 | SC.912.L.14.7, 18.7-18.10: Plants |  |
| Quarter 4 | **Week** | **Major Concepts / Topics** | **Possible Resources** |
| 1-5 | SC.912.L.17.9, E.7.1, L.17.4, 17.2, 17.5, 17.11, 17.13, 17.20, 17.8: Ecology | **Bozemanscience:** Biotic & Abiotic Factors, Biogeochemical Cycling. |
| 6-8 | SC.912.L.14.26, 14.36, 14.52, 16.13, SC.912.L.14.27: Human Body |  |
| 8-9 | SC.912.L.16.10, SC.912.L.16.12: Biotechnology |  |
|  |  |  |