**Year Plan: Life Sciences 2022**

**Grade 10**

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|  | **Week** | **Content** | **Assessment** |
|  |  | Task 1: Practical #1 [30] marks1. Food Tests

Task 2: Control Test #1 [50] marks1. Organic & Inorganic Compounds
2. Microscope
3. Cell Structure
4. Cell Division
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| TERMONE | 1 | Orientation: Biological Skills |
| 2 | Inorganic Compounds |
| 3 | Organic Compounds |
| 4 | Organic Compounds & Microscope |
| 5 | Cell Structure  |
| 6 | Cell Structure |
| 7 | Cell Structure |
| 8 | Mitosis |
| 9 | Plant Tissues |
| 10 | Animal Tissues |
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| TERMTWO | 1 | Biotechnology | Task 3: Assignment [50] marks1. Plant Tissues
2. Animal Tissues

Task 4: Controlled Test [50] marks1. Plant Tissues
2. Animal Tissues
3. Leaf
4. Support & Transport in Plants
5. Support & Transport in Animals
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| 2 | Plant Leaf & Root |
| 3 | Plant Root & Stem |
| 4 | Transport in Plants |
| 5 | Transport in Plants |
| 6 | Human Skeleton |
| 7 | Transport in Humans |
| 8 | Transport in Humans |
| 9 | Controlled Test |
| 10 | Controlled Test |
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| TERMTHREE | 1 | Biosphere & Biomes | Task 5: Practical#2 [30] marks1. Abiotic Factors

Task 6: Test#3 [50]1. Biosphere
2. Biomes
3. Ecosystems, Nutrient Cycles
4. Biodiversity
5. Classification
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| 2 | Biosphere & Biomes |
| 3 | Ecosystems & Abiotic Factors |
| 4 | Biotic Factors & Energy Flow |
| 5 | Nutrient Cycles |
| 6 | Biodiversity |
| 7 | Classification |
| 8 | History of Life |
| 9 | Cambrian Explosion |
| 10 | Consolidation |  |
|  |  | Task 7: Paper 1 [150] + Paper 2 [150] = [300] marksPaper 1 Paper 2[33] Chemistry of Life Mammal Transport [32][19] Cells Biospheres to Ecosystems [54][19] Mitosis Biodiversity & Classification [21][28] Tissues History: Life on Earth [43][9] Leaf[23] Plant Support & Transport[19] Animal Support |
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| TERMFOUR | 1 | Mass Extinctions |
| 2 | Fossil Studies |
| 3 | South African Fossils, & Tourists |
| 4 | Consolidation |
| 5 | EXAMS |
| 6 | EXAMS |
| 7 | EXAMS |
| 8 | Admin |
| 9 | Admin |
| 10 | Admin |