



# TEKS RS Science Biology (Micro to Macro)

## Year at a Glance

| 1st Six Weeks                                            |          |         |         |         |           |
|----------------------------------------------------------|----------|---------|---------|---------|-----------|
| Unit 01: Cellular Structures                             |          |         |         |         | (12 Days) |
| P B.1.F                                                  | P B.4.C  | S B.5.A | R B.5.B | S B.5.D |           |
| Unit 02: Cellular Processes                              |          |         |         |         | (14 Days) |
| P B.1.B                                                  | P B.1.C  | P B.1.D | P B.1.E | P B.1.G | B.5.C     |
| S B.11.A                                                 | R B.11.B |         |         |         |           |
| 2nd Six Weeks                                            |          |         |         |         |           |
| Unit 02: Cellular Processes (Continued)                  |          |         |         |         | (14 Days) |
| P B.1.B                                                  | P B.1.C  | P B.1.D | P B.1.E | P B.1.G | B.5.C     |
| S B.11.A                                                 | R B.11.B |         |         |         |           |
| Unit 03: DNA Structure and Cell Cycle                    |          |         |         |         | (10 Days) |
| P B.3.A                                                  | P B.4.B  | S B.6.A | R B.6.C | S B.7.A |           |
| Unit 04: The Role of Nucleic Acids and Protein Synthesis |          |         |         |         | (10 Days) |
| P B.1.G                                                  | P B.2.A  | S B.7.A | S B.7.B |         |           |
| Unit 05: Gene Expression                                 |          |         |         |         | (14 Days) |
| P B.2.B                                                  | P B.3.B  | P B.3.C | S B.6.B | S B.7.B | R B.7.C   |
| B.7.D                                                    |          |         |         |         |           |
| 3rd Six Weeks                                            |          |         |         |         |           |
| Unit 05: Gene Expression (Continued)                     |          |         |         |         | (14 Days) |
| P B.2.B                                                  | P B.3.B  | P B.3.C | S B.6.B | S B.7.B | R B.7.C   |
| B.7.D                                                    |          |         |         |         |           |
| Unit 06: Genetics                                        |          |         |         |         | (12 Days) |
| P B.2.A                                                  | P B.2.C  | P B.3.A | P B.3.B | S B.8.A | R B.8.B   |

| 4th Six Weeks                                                                           |                                                                                          |                                                                                          |                                                                                          |                                                                                            |           |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------|
| Unit 07: Evidence of Evolution                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                            | (11 Days) |
|  B.1.H |  B.4.A  |  B.7.A  |  B.9.A  |  B.9.B  |           |
| Unit 08: Mechanisms of Evolution                                                        |                                                                                          |                                                                                          |                                                                                          |                                                                                            | (13 Days) |
|  B.3.B |  B.10.A |  B.10.B |  B.10.C |  B.10.D |           |

| 5th Six Weeks                                                                            |                                                                                          |                                                                                         |                                                                                          |                                                                                            |                                                                                            |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Unit 09: Animal and Plant Systems                                                        |                                                                                          |                                                                                         |                                                                                          |                                                                                            | (17 Days)                                                                                  |
|  B.1.A  |  B.1.F  |  B.5.D |  B.12.A |  B.12.B |                                                                                            |
| Unit 10: Ecosystem Stability                                                             |                                                                                          |                                                                                         |                                                                                          |                                                                                            | (16 Days)                                                                                  |
|  B.1.A  |  B.1.B  |  B.2.D |  B.3.C  |  B.13.A |  B.13.B |
|  B.13.C |  B.13.D |                                                                                         |                                                                                          |                                                                                            |                                                                                            |

| 6th Six Weeks                                                                              |                                                                                            |                                                                                           |                                                                                           |                                                                                              |                                                                                              |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Unit 10: Ecosystem Stability (Continued)                                                   |                                                                                            |                                                                                           |                                                                                           |                                                                                              | (16 Days)                                                                                    |
|  B.1.A  |  B.1.B  |  B.2.D |  B.3.C |  B.13.A |  B.13.B |
|  B.13.C |  B.13.D |                                                                                           |                                                                                           |                                                                                              |                                                                                              |
| Unit 11: Current Developments in Biology                                                   |                                                                                            |                                                                                           |                                                                                           |                                                                                              | (15 Days)                                                                                    |
|  B.4.B  |  B.4.C  |  B.5.D |  B.6.B | B.7.D                                                                                        |  B.13.D |



# TEKS RS Science Environmental Systems

## Year at a Glance

| 1st Six Weeks                                             |          |        |        |        |        |           |
|-----------------------------------------------------------|----------|--------|--------|--------|--------|-----------|
| Unit 01: Relationships between Biotic and Abiotic Factors |          |        |        |        |        | (15 Days) |
| P ES.2.A                                                  | P ES.3.B | ES.5.A | ES.5.B | ES.5.C | ES.5.D |           |
| Unit 02: Alterations in an Ecosystem                      |          |        |        |        |        | (12 Days) |
| P ES.4.A                                                  | ES.5.E   | ES.5.F | ES.5.G |        |        |           |
| 2nd Six Weeks                                             |          |        |        |        |        |           |
| Unit 02: Alterations in an Ecosystem (Continued)          |          |        |        |        |        | (12 Days) |
| P ES.4.A                                                  | ES.5.E   | ES.5.F | ES.5.G |        |        |           |
| Unit 03: Interrelationships Among Resources               |          |        |        |        |        | (18 Days) |
| P ES.1.F<br>ES.6.E                                        | P ES.2.D | ES.6.A | ES.6.B | ES.6.C | ES.6.D |           |
| Unit 04: Sources and Flow of Energy                       |          |        |        |        |        | (12 Days) |
| P ES.1.H                                                  | P ES.3.A | ES.7.A | ES.7.B | ES.7.C | ES.7.D |           |
| 3rd Six Weeks                                             |          |        |        |        |        |           |
| Unit 04: Sources and Flow of Energy (Continued)           |          |        |        |        |        | (12 Days) |
| P ES.1.H                                                  | P ES.3.A | ES.7.A | ES.7.B | ES.7.C | ES.7.D |           |
| Unit 05: Environments Change Naturally                    |          |        |        |        |        | (15 Days) |
| P ES.1.G                                                  | ES.9.A   | ES.9.B | ES.9.C | ES.9.D | ES.9.E |           |

| 4th Six Weeks                                                                                       |                                                                                                     |                                                                                                     |                                                                                          |         |           |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------|-----------|
| Unit 06: Population Dynamics                                                                        |                                                                                                     |                                                                                                     |                                                                                          |         | (13 Days) |
|  ES.1.F<br>ES.8.D  |  ES.2.C            |  ES.3.A            | ES.8.A                                                                                   | ES.8.B  | ES.8.C    |
| Unit 07: Human Impact through Emissions and Pollutants                                              |                                                                                                     |                                                                                                     |                                                                                          |         | (15 Days) |
|  ES.1.C<br>ES.10.C |  ES.1.D<br>ES.10.D |  ES.1.E<br>ES.10.E |  ES.3.A | ES.10.A | ES.10.B   |

| 5th Six Weeks                                                                                         |                                                                                                       |                                                                                                       |                                                                                            |         |           |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------|-----------|
| Unit 07: Human Impact through Emissions and Pollutants (Continued)                                    |                                                                                                       |                                                                                                       |                                                                                            |         | (15 Days) |
|  ES.1.C<br>ES.10.C   |  ES.1.D<br>ES.10.D   |  ES.1.E<br>ES.10.E   |  ES.3.A   | ES.10.A | ES.10.B   |
| Unit 08: Actions Impact Environmental Systems                                                         |                                                                                                       |                                                                                                       |                                                                                            |         | (18 Days) |
|  ES.1.A<br>ES.11.C   |  ES.1.B              |  ES.3.C              | ES.6.F                                                                                     | ES.11.A | ES.11.B   |
| Unit 09: Ethics and Economic Priorities                                                               |                                                                                                       |                                                                                                       |                                                                                            |         | (12 Days) |
|  ES.2.B<br>ES.12.C |  ES.3.B<br>ES.12.D |  ES.3.C<br>ES.12.E |  ES.4.B | ES.12.A | ES.12.B   |

| 6th Six Weeks                                                                                         |                                                                                                       |                                                                                                       |                                                                                            |         |           |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------|-----------|
| Unit 09: Ethics and Economic Priorities (Continued)                                                   |                                                                                                       |                                                                                                       |                                                                                            |         | (12 Days) |
|  ES.2.B<br>ES.12.C |  ES.3.B<br>ES.12.D |  ES.3.C<br>ES.12.E |  ES.4.B | ES.12.A | ES.12.B   |
| Unit 10: Legislation Mediates Human Impact                                                            |                                                                                                       |                                                                                                       |                                                                                            |         | (14 Days) |
|  ES.4.C            | ES.12.D                                                                                               | ES.13.A                                                                                               | ES.13.B                                                                                    |         |           |



# TEKS RS Science Forensic Science

## Year at a Glance

| 1st Six Weeks                |          |          |          |          |           |
|------------------------------|----------|----------|----------|----------|-----------|
| Unit 01: History and Careers |          |          |          |          | (12 Days) |
| FS21.1.A                     | FS21.5.B | FS21.5.C | FS21.6.A | FS21.6.B | FS21.8.A  |
| FS21.8.B                     | FS21.8.C |          |          |          |           |
| Unit 02: Legal Aspects       |          |          |          |          | (11 Days) |
| FS21.2.A                     | FS21.4.C | FS21.7.A | FS21.7.B | FS21.7.C | FS21.7.D  |
| FS21.7.E                     |          |          |          |          |           |

| 2nd Six Weeks                                    |           |          |           |           |           |
|--------------------------------------------------|-----------|----------|-----------|-----------|-----------|
| Unit 03: Searching and Documenting a Crime Scene |           |          |           |           | (10 Days) |
| FS21.1.A                                         | FS21.2.E  | FS21.2.F | FS21.6.B  | FS21.9.A  | FS21.9.B  |
| FS21.9.C                                         | FS21.9.D  | FS21.9.E | FS21.9.F  |           |           |
| Unit 04: Collecting and Preserving Evidence      |           |          |           |           | (10 Days) |
| FS21.1.A                                         | FS21.2.C  | FS21.9.G | FS21.12.A | FS21.13.A | FS21.17.D |
| FS21.19.A                                        |           |          |           |           |           |
| Unit 05: Hair and Fiber                          |           |          |           |           | (10 Days) |
| FS21.2.C                                         | FS21.2.D  | FS21.2.F | FS21.5.A  | FS21.12.B | FS21.12.C |
| FS21.12.D                                        | FS21.12.E |          |           |           |           |

| 3rd Six Weeks                       |           |           |           |           |           |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Unit 05: Hair and Fiber (Continued) |           |           |           |           | (10 Days) |
| FS21.2.C                            | FS21.2.D  | FS21.2.F  | FS21.5.A  | FS21.12.B | FS21.12.C |
| FS21.12.D                           | FS21.12.E |           |           |           |           |
| Unit 06: Impressions                |           |           |           |           | (9 Days)  |
| FS21.2.G                            | FS21.3.D  | FS21.10.C | FS21.11.A | FS21.11.B | FS21.11.C |
| FS21.11.D                           |           |           |           |           |           |
| Unit 07: Fingerprints               |           |           |           |           | (10 Days) |
| FS21.4.A                            | FS21.6.B  | FS21.10.A | FS21.10.B | FS21.10.D | FS21.10.E |
| FS21.10.F                           |           |           |           |           |           |

| 4th Six Weeks                    |           |           |           |           |           |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|
| Unit 08: Glass                   |           |           |           |           | (9 Days)  |
| FS21.3.B                         | FS21.13.B | FS21.13.C | FS21.13.D |           |           |
| Unit 09: Firearms and Ballistics |           |           |           |           | (9 Days)  |
| FS21.5.C                         | FS21.15.A | FS21.15.B | FS21.15.C | FS21.15.D | FS21.15.E |
| Unit 10: Questioned Document     |           |           |           |           | (9 Days)  |
| FS21.1.A                         | FS21.4.B  | FS21.14.A | FS21.14.B | FS21.14.C |           |

| 5th Six Weeks                              |                       |           |           |           |           |
|--------------------------------------------|-----------------------|-----------|-----------|-----------|-----------|
| Unit 10: Questioned Document (Continued)   |                       |           |           |           | (9 Days)  |
| FS21.1.A                                   | FS21.4.B              | FS21.14.A | FS21.14.B | FS21.14.C |           |
| Unit 11: Serology and Blood                |                       |           |           |           | (9 Days)  |
| FS21.2.G<br>FS21.19.B                      | FS21.2.H              | FS21.3.A  | FS21.18.A | FS21.18.B | FS21.18.C |
| Unit 12: Biological Sample                 |                       |           |           |           | (9 Days)  |
| FS21.4.B<br>FS21.19.G                      | FS21.6.B              | FS21.19.C | FS21.19.D | FS21.19.E | FS21.19.F |
| Unit 13: Controlled and Illicit Substances |                       |           |           |           | (9 Days)  |
| FS21.2.B<br>FS21.17.B                      | FS21.6.B<br>FS21.17.C | FS21.16.A | FS21.16.B | FS21.16.C | FS21.17.A |

| 6th Six Weeks                                          |                       |           |           |           |           |
|--------------------------------------------------------|-----------------------|-----------|-----------|-----------|-----------|
| Unit 13: Controlled and Illicit Substances (Continued) |                       |           |           |           | (9 Days)  |
| FS21.2.B<br>FS21.17.B                                  | FS21.6.B<br>FS21.17.C | FS21.16.A | FS21.16.B | FS21.16.C | FS21.17.A |
| Unit 14: Death Investigations                          |                       |           |           |           | (9 Days)  |
| FS21.4.A                                               | FS21.20.A             | FS21.20.B | FS21.20.C | FS21.20.D |           |
| Unit 15: Forensic Anthropology and Odontology          |                       |           |           |           | (9 Days)  |
| FS21.3.B<br>FS21.21.D                                  | FS21.3.C<br>FS21.21.E | FS21.6.B  | FS21.21.A | FS21.21.B | FS21.21.C |