

SUGGESTED SCOPE & SEQUENCE

| Grade 7: Scope Sequence | | | |
|--------------------------------|----------------------------------|------------------|--|
| | Scope name | TEKS(s) | Suggested Pacing (Instructional Days) |
| 1 | Elements and Compounds | 7.6(A), 7.6(B) | 8 |
| 2 | Physical and Chemical Changes | 7.6(C) | 7 |
| 3 | Aqueous Solutions | 7.6(D), 7.6(E) | 7 |
| 4 | Speed and Velocity | 7.7(A), 7.7(B) | 8 |
| 5 | Distance-Time Graphs | 7.7(C) | 7 |
| 6 | Newton's First Law of Motion | 7.7(D) | 7 |
| 7 | Thermal Energy | 7.8(A), 7.8(B) | 7 |
| 8 | Temperature and Kinetic Energy | 7.8(C) | 7 |
| 9 | Celestial Objects | 7.9(A) | 7 |
| 10 | Gravity | 7.9(B) | 7 |
| 11 | Earth and Life | 7.9(C) | 7 |
| 12 | Plate Tectonics | 7.10(A), 7.10(B) | 8 |
| 13 | Human Impact on Watersheds | 7.11(A) | 8 |
| 14 | Human Impact on Ocean Systems | 7.11(B) | 7 |
| 15 | Energy and Trophic Levels | 7.12(A), 7.12(B) | 7 |
| 16 | Human Body Systems | 7.13(A) | 8 |
| 17 | Organism Organization | 7.13(B) | 7 |
| 18 | Reproduction | 7.13(C) | 8 |
| 19 | Natural and Artificial Selection | 7.13(D) | 7 |
| 20 | Taxonomy | 7.14(A), 7.14(B) | 8 |

*Suggested Pacing is currently based on the time needed to cover the majority of STEMscopes elements in each scope.

**The order of scopes in STEMscopes is suggested but not required; scope sequence can be adjusted to fit the needs of the individual campuses and districts.