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| **MGISD Scope and Sequence Year Overview** |
| **8th Grade Science** | **2020-2021** |
| **First Semester** |  |
| **1st Nine Weeks (45 Days)** | **2nd Nine Weeks (40 Days)** |
| **Chapter 1: Scientific Investigation & Reasoning** **Strand 1** 7days**Readiness:** **Supporting: 8.1A, 8.2A, 8.2B, 8.2C, 8.2E, 8.3A, 8.3B, 8.3D, 8.4A, 8.4B** **Chapter 2: Atoms & the Periodic Table** Strand 210 days**Readiness:  8.5A, 8.5B, 8.5C****Supporting: 8.1A, 8.1B, 8.2A, 8.2C, 8.2E, 8.3A, 8.3B, 8.3D, 8.4A, 8.4B**  **Chapter 3: Chemical Bonding & Chemical Reactions** **Strand 2** 9 days **Readiness: 8.5A, 8.5B 8.5D****Supporting: 8.1A, 8.1B, 8.2A, 8.2B, 8.2C, 8.2E, 8.3A, 8.3B, 8.3C, 8.4A, 8.4B** **Chapter 4: Speed, Velocity, Acceleration****Strand 3**5 days **Readiness: 8.6B****Supporting: 8.1A, 8.2A, 8.2B, 8.2C, 8.2D, 8.2E, 8.3A, 8.3B, 8.4A, 8.4B****Chapter 5: The Laws of Motion****Strand 3****10m days****Readiness: 8.6A, 8.6C****Supporting: 8.1A, 8.2A, 8.2B, 8.2C, 8.2E, 8.3A, 8.3B, 8.3D, 8.4A, 8.4B****Chapter 6: The Sun-Earth-Moon System****Strand 4****10 days****Readiness – 8.7A, 8.7B, 8.7C****Supporting – 8.1A, 8.2A, 8.2C, 8.2E, 8.3A, 8.3B, 8.4A, 8.4B****9 Weeks Test ?** | **Chapter 6:**  **Continued and finished****Chapter 7: The Universe**  Strand 410 days**Readiness:** **8.8A, 8.8B, 8.8C, 8.8D, 8.8E****Supporting:** 8.1A, 8.2A, 8.2C, 8.2E, 8.3A, 8.3B, 8.3D, 8.4A, 8.4B **Chapter 8: Interpreting Maps****Strand 4**12 days**Readiness: 8.9C****Supporting: 8.2A, 8.2C, 8.2E, 8.3C, 8.3D****Chapter 9: Plate Tectonics**Strand 410 days**Readiness: 8.9A, 8.9B****Supporting: 8.1A, 8.2A, 8.2C, 8.2E, 8.3A, 8.3B, 8.3D, 8.4A, 8.4B****Semester Exams 12/ 12 – 12/18**  |
| **MGISD Scope and Sequence Year Overview** |
| **8th Grade Science** | **2020-2021** |
| **Second Semester** |  |
| **3rd Nine Weeks (41 Days)** | **4th Nine Weeks (45 Days)** |
| **Chapter 10: Interactions of the Atmosphere and Oceans****Strand 4** 9 days**Readiness:** **8.10A, 8.10C**   **Supporting: 8.1A,8.2A, 8.2C, 8.2E, 8.3A, 8.3B, 8.3C, 8.4A, 8.4B** **Chapter 11: Weather****Strand 4**5 days**Readiness: 8.10B, 8.10C****Supporting: 8.1A, 8.2A, 8.2C, 8.2D, 8.2E, 8.3A, 8.3D, 8.4A,8.4B** **Chapter 12: Populations & Communities****Strand 5**5 days**Readiness: 8.11A, 8.11B****Supporting: 8.1A, 8.2A, 8.2D, 8.2E, 8.3B, 8.4A, 8.4B****Chapter 13: How Organisms Affect Environments****Strand 5** 5 days **Readiness: 8.11C, 8.11D****Supporting: 8.1A, 8.1D, 8.1E, 8.2A, 8.2C, 8.3A, 8.3B, 8.4A, 8.4B**3 weeks until Spring Break – Chapters can be extended if needed**Test: ?** | **Benchmarks – Reviews based on Data****STAAR Review****STAAR Science Test:**End of Year Science testing and Project-Based Learning |

