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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 2  10 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 4  10 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 4  10 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 |

