



1st Quarter (45 Days)

Resources:

Glenco Middle School Science (McGraw Hill)

Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Aug 8-12 (5 days)	Ch 1- Scientific Investigations Lesson 1 and 2	TSWL about: How does scientific research begin? What are the different branches of Science?	7.1(A); 7.2(A), (C), (E); 7.4(A)
2 nd : Aug 15-19 (5 days)	Ch 2 – Interactions of Matter and Energy Lesson 1,2,3	TSWL about: How is energy processed in plants? What are the cycles of matter? How is the energy in ecosystems used?	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.13(B)
3 rd : Aug 22-26 (5 days)	Ch 3- Carbon Chemistry Lesson 1,2,3	TSWL about: Elemental Carbon and other carbon compounds What are Compounds of life?	7.1(A); 7.2(A), (E); 7.3(B); 7.4(A), (B); 7.6(A)
4 th : Aug 29-Sept 2 (5 days)	Ch 4- Forces, Energy, and Work Lesson 1 and 2	TSWL about: The different types of forces The different types of energy	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.7(C)
5 th : Sept 6-9 (4 days)	Ch 4 Continued Lesson 3 and 4	TSWL about: The different Energy transformations and Work What is Horsepower? What are the Different types of machines?	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.7(C)
6 th : Sept 15-16 (2 days)	Ch 5 – Weather and its Impacts Lesson 1 and 2	TSWL about: The atmosphere The weather	7.1(A); 7.2(A), (C), (E); 7.4(A), (B)
7 th : Sept 19-23 (5 days)	Ch 5 continued Lesson 3 and 4	TSWL about: The atmosphere The weather Effects of weather on the land	7.1(A); 7.2(A), (C), (E); 7.4(A), (B)
8 th : Sept 26-30 (5 days)	Ch 6 – Impacts on water systems Lesson 1,2,3	TSWL about: What are Glaciers and polar ice sheets? What are Streams and lakes? What is Desalination? More about Groundwater and wetlands	7.1(A); 7.3(B); 7.4(A), (B)
9 th : Oct 3-7 (5 days)	Review and assessment	1st Benchmark	Review
10 th : Oct 10-14 (5 days)	Ch 7 – Exploring the solar system Lesson 1 and 2	TSWL about: How is Life in the solar system? ; and more about Human Space Travel	7.1(A); 7.2(A), (C), (E); 7.3(B); 7.4(A), (B); 7.9(A)



2nd Quarter (39 Days)

Resources: Glenco Middle School Science (McGraw Hill)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Oct 17-21 (5 days)	Earth Systems Research Project	TSWL about: How is human space travel possible?	7.1(A); 7.2(A), (C), (E); 7.3(B); 7.4(A), (B); 7.9(A)
2 nd : Oct 24-28 (5 days)	Ch 8- Relationships between organisms and environments Lesson 1,2	TSWL about: What are Land Biomes? What are Aquatic Ecosystems?	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.10(A)
3 rd : Oct 31- Nov 4 (5 days)	Review and assessment	IOWA/ITBS Complete Battery Gr 3-8	Review
4 th : Nov 7-11 (5 days)	Ch 8- Relationships between organisms and environments – cont. Lesson 3	TSWL about: How do ecosystems change?	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.10(A)
5 th : Nov 14-18 (5 days)	Ch 9 – Inheritance and Adaptations Lessons 1 and 2	TSWL about: How are organisms classified? What is natural selection and how is it related to adaptation?	7.1(A); 7.2(A), (C); 7.3(A); 7.4(A)
6 th : Nov 28- Dec 2 (5 days)	Ch 10- Structure and Function of organisms Lessons 1,2	TSWL about: Cells and how they provide life? Structure and function of the cell	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.12(F)
7 th : Dec 5-9 (5 days)	Review and assessment	2nd Benchmark	Review
8 th : Dec 12-16 (5 days)	Ch 10- Structure and Function of organisms - Continued Lesson 3	TSWL about: What are the different levels of organization in the living cell system?	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.12(F)

3rd Quarter (46 Days)

Resources: Glenco Middle School Science (McGraw Hill)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Jan 3-6 (4 days)	Ch 11- Human Body Systems Lessons 1 and 2	TSWL about: How does the body fight off infection? How are nutrients and other material transported inside the human body? What does the body use to move and how are these movements controlled?	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.12(B)



3rd Quarter (46 Days)

Resources: Glenco Middle School Science (McGraw Hill)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
2 nd : Jan 9-13 (5 days)	Body Systems Project	TSWL about: Transport of nutrients in and out of the body / How does diffusion occur across cells?	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.12(B)
3 rd : Jan 17-19 (3 days)	Review and Assessment	1 st Mock STAAR	Review
4 th : Jan 23-27 (5 days)	Ch 11 Continued Lesson 3	TSWL about: Reproduction and development in the human body	7.1(A); 7.2(A), (C), (E); 7.4(A), (B); 7.12(B)
5 th : Jan 30-Feb 3 (5 days)	Ch 12- Plant and Animal Responses Lessons 1 and 2	TSWL about: How do plants respond and react with the environment? How and why do animals behave differently? What are the types of animal behaviors?	7.1(A), (B); 7.2(A), (C), (E); 7.4(A), (B); 7.13(A)
6 th : Feb 6-10 (5 days)	Ch 13- Inheritance and reproduction Lessons 1 and 2	TSWL about: What are traits and how do they change? Study of the cell cycle and cell division- mitosis	7.1(A); 7.2(A), (C); 7.3(B); 7.4(B); 7.14(A)
7 th : Feb 13-17 (5 days)	Review and Assessment	2 nd Mock STAAR	Review
8 th : Feb 21-24 (4 days)	Ch 13 Continued Lessons 3 and 4	TSWL about: Study of meiosis What is asexual reproduction? Study of DNA Fingerprinting	7.1(A); 7.2(A), (C); 7.3(B); 7.4(B); 7.14(A)
9 th : Feb 27- Mar 3 (5 days)	Review and Assessment	3 rd Benchmark	Review
10 th : Mar 6-10 (5 days)	Labs and Projects	Review	Review

4th Quarter (48 Days)

Resources: Glenco Middle School Science (McGraw Hill)			
Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
1 st : Mar 20-24 (5 days)	Review and assessment	3 rd Mock STAAR	Review
2 nd : Mar 27-31 (5 days)	Review and assessment	March 28: STAAR Gr Writing	Review



4th Quarter (48 Days)

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Week	Unit/Lesson	Learning Objectives	Reporting Categories (TEKS SEs)
3 rd : Apr 3-7 (5 days)	Labs and Projects	Review	Review
4 th : Apr 10-14 (5 days)	Labs and Projects	Review	Review
5 th : April 18-22 (5 days)	Review and assessment	IOWA/ ITBS Complete Battery KG-2	Review
6 th : Apr 24- 28 (5 days)	Labs and Projects	Review	Review
7 th : May 1-5 (5 days)	Labs and Projects	Review	Review
8 th : May 8-12 (5 days)	Review and assessment	May 8: STAAR- Math May 9: STAAR- Reading	Review
9 th : May 15-19 (5 days)	Labs and Projects	Final Benchmark	Review
10 th : May 22-24 (3 days)	Graduation Preparation	Review	Review