Grade 4 At-a-Glance

Grade 4 SCIENCE INSTRUCTIONAL CALENDAR 2022-2023

Week	Dates	Topic	Standard	Progress Monitoring
1	August 15-19	Introduction to Science	SC.4.N.1.1 SC.4.N.1.5 SC.4.N.1.6 SC.4.N.1.7 SC.4.N.1.8	
2	August 22-26 (4 days-PD Day)		Common Experiment #1 (Shadows)	
3	August 29-September 2	Topic 1: Earth's Patterns and Space	SC.4.E.5.3 SC.4.E.5.4 SC.4.E.5.5	
4	September 5-9 (4 days-Labor Day)			Topic Check 1
5	September 12-16		SC.4.E.5.2 SC.4.E.5.1	
6	September 19-23			VST 1
7	September 26-30	Topic 2: Earth's Features	SC.4.E.6.5 SC.4.E.6.1 SC.4.E.6.2 SC.4.E.6.4	
8	October 3-7			
9	October 10-14			
10	October 17-21 (4 days-Teacher Duty Day)	Topic 2: Earth's Features	SC.4.E.6.4	Topic Check 2
11	October 24-28		SC.4.E.6.3 SC.4.E.6.6	
12	October 31-November 4		Common Experiment #2 (Weathering)	VST 2
13	November 7-11 (3 days-Voting/Veterans Day)	Topic 3: Matter	SC.4.P.8.1 SC.4.P.8.4	
14	November 14-18			Topic Check 3
15	November 28-December 2		SC.4.P.8.2 SC.4.P.8.3 SC.4.P.9.1	
16	December 5-9			
17	December 12-16		Common Experiment #3 (Potion Making)	VST 3
18	January 2-6 (4 days-Teacher Duty Day)	Topic 4: Energy and Motion	Common Experiment #4 (Ping Pong)	
19	January 9-13		SC.4.P.10.1 SC.4.P.10.2 SC.4.P.10.3 SC.4.P.12.1 SC.4.P.12.2	
20	January 16-20 (4 days-MLK Day)			
21	January 23-27			
22	January 30-February 3			Topic Check 4
23	February 6-10		SC.4.P.11.1 SC.4.P.11.2	
24	February 13-17		Common Experiment #5 (Heat Transfer)	
25	February 20-24 (4 days-Presidents' Day)	Topic 5: Human Uses of Energy	SC.4.P.10.4 SC.4.E.6.3	
26	February 27- March 3			
27	March 6-10 (4 days-Teacher Duty Day)			VST 4
28	March 20-24	Topic 6: Plants and Animals	SC.4.L.16.1 SC.4.L.16.4 SC.4.L.16.2 SC.4.L.16.3	
29	March 27-31			
30	April 3-7			
31	April 10-14			
32	April 17-21			
33	April 24-28			Topic Check 6
34	May 1-5	Topic 7: Living Things & Environment	SC.4.L.17.1 SC.4.L.17.2 SC.4.L.17.3 SC.4.L.17.4	
35	May 8-12			
36	May 15-19			
37	May 22-26			VST 5
38	May 29- June 2 (4 days-Memorial Day)	Science Processes	SC.4.N.1.1	04 SMT- optional

Nature of Science standards to be integrated throughout Weeks 1-38: SC.4.N.1.1 SC.4.N.1.2 SC.4.N.1.3 SC.4.N.1.4 SC.4.N.1.5 SC.4.N.1.6 SC.4.N.1.7 SC.4.N.1.8 SC.4.N.2.1 SC.4.N.3.1

Thinking and Acting Like a Scientist

SC.4.N.1.1

Raise questions about the natural world, use appropriate reference materials that support understanding to obtain information (identifying the source), conduct both individual and team investigations through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.

SC.4.N.1.2

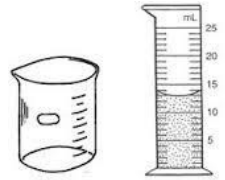
Compare the observations made by different groups using multiple tools and seek reasons to explain the differences across groups.

SC.4.N.1.3

Explain that science does not always follow a rigidly defined method ("the scientific method") but that science does involve the use of observations and empirical evidence.

SC.4.N.1.4

Attempt reasonable answers to scientific questions and cite evidence in support.



SC.4.N.1.5

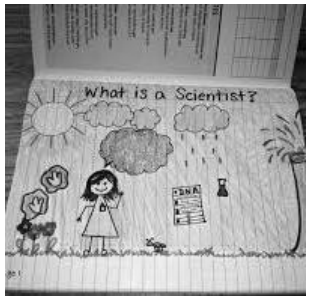
Compare the methods and results of investigations done by other classmates.

SC.4.N.1.6

Keep records that describe observations made, carefully distinguishing actual observations from ideas and inferences about the observations.

SC.4.N.1.7

Recognize and explain that scientists base their explanations on evidence.



SC.4.N.1.8

Recognize that science involves creativity in designing experiments.

SC.4.N.2.1

Explain that science focuses solely on the natural world.

SC.4.N.3.1

Explain that models can be three dimensional, two dimensional, an explanation in your mind, or a computer model.