Grade 3 At-a-Glance

Grade 3 SCIENCE INSTRUCTIONAL CALENDAR 2022-2023

Week	August 15-19	Topic	Standards		Progress Monitoring
1	August 15-19	Introduction to Science	SC.3.N.1.6 SC.3.N.1.2 SC.3.N.1.1	Nature of Science standards to be integrated throughout Weeks 1-38: SC.3.N.1.1 SC.3.N.1.2 SC.3.N.1.3 SC.3.N.1.4 SC.3.N.1.5 SC.3.N.1.6 SC.3.N.1.7 SC.3.N.3.1 SC.3.N.3.2 SC.3.N.3.3	
2	August 22-26 (4 days-PD Day)		Common Experiment #1 (Helicopters)		
3	August 29-September 2	Topic 1: The Universe	SC.3.E.5.1 SC.3.E.5.2 SC.3.E.5.5 SC.3.E.5.3 SC.3.E.6.1		
4	September 5-9 (4 days-Labor Day)				
5	September 12-16				Topic Check 1
6	September 19-23		Common Experiment #2 (Radiant Energy)		
7	September 26-30		SC.3.E.5.4		VST 1
8	October 3-7	Topic 2: Matter & Its Properties	SC.3.P.8.3		
9	October 10-14				
10	October 17-21 (4 days-Teacher Duty Day)	Topic 2: Matter & Its Properties	SC.3.P.8.2		
11	October 24-28				Topic Check 2
12	October 31-November 4		SC.3.P.8.1 SC.3.P.9.1		
13	November 7-11 (3 days-Voting/Veterans Day)				
14	November 14-18				VST 2
15	November 28-December 2	Topic 3: Energy	Common Experiment #3 (Rubber Bands)		
16	December 5-9		SC.3.P.10.1 SC.3.P.10.2 SC.3.P.11.2		
17	December 12-16				Topic Check 3
18	January 2-6 (4 days-Teacher Duty Day)	Topic 3: Energy	SC.3.P.10.3 SC.3.P.10.4 SC.3.P.11.1		
19	January 9-13				
20	January 16-20 (4 days-MLK Day)				
21	January 23-27		Common Experiment #4 (Light Behaviors)		VST 3
22	January 30-February 3	Topic 4: Plants	SC.3.L.14.1 SC.3.L.17.2		
23	February 6-10				
24	February 13-17				
25	February 20-24 (4 days-Presidents' Day)				Topic Check 4
26	February 27- March 3		SC.3.L.14.2		
27	March 6-10 (4 days-Teacher Duty Day)				
28	March 20-24	Topic 5: Living Things	SC.3.L.15.2 SC.3.L.15.1		
29	March 27-31				
30	April 3-7				
31	April 10-14				
32	April 17-21				
33	April 24-28				Topic Check 5
34	May 1-5		SC.3.L.17.1		
35	May 8-12				
36	May 15-19				VST 4
37	May 22-26	Science Processes	Common Experiment #5 (Mass of Gum)		
38	May 29- June 2 (4 days-Memorial Day)		SC.3.N.1.1		

Thinking and Acting Like a Scientist

SC.3.N.1.1

Raise questions about the natural world, investigate them individually and in teams through free exploration and systematic investigations, and generate appropriate explanations based on those explorations.

SC.3.N.1.2

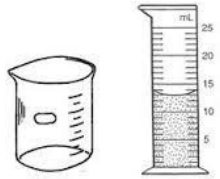
Compare the observations made by different groups using the same tools and seek reasons to explain the differences across groups.

SC.3.N.1.3

Keep records as appropriate, such as pictorial, written, or simple charts and graphs, of investigations conducted.

SC.3.N.1.4

Recognize the importance of communication among scientists.



SC.3.N.1.5

Recognize that scientists question, discuss, and check each other's evidence and explanations.

SC.3.N.1.6

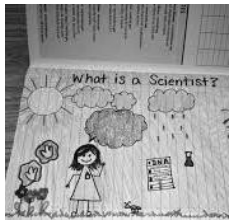
Infer based on observation.

SC.3.N.1.7

Explain that empirical evidence is information, such as observations or measurements, that is used to help validate explanations of natural phenomena.

SC.3.N.3.1

Recognize that words in science can have different or more specific meanings than their use in everyday language; for example, energy, cell, heat/cold, and evidence.



SC.3.N.3.2

Recognize that scientists use models to help understand and explain how things work.

SC.3.N.3.3

Recognize that all models are approximations of natural phenomena; as such, they do not perfectly account for all observations.