1st Grade Science Year-at-a-Glance 2024-2025

Unit	Standards Addressed	Pacing
Nature of Science (August 12 – 16)		
Science Skillsets Introduction to Nature of Science	SC.1.N.1.1 raise questions, investigate, generate explanations SC.1.N.1.2 make observations through using five senses SC.1.N.1.3 keep pictorial and written records of investigations SC.1.N.1.4 ask "how do you know?"	August 12 – August 16 (5 days)
Earth Science (August 19 – November 20)		
Stars in the Sky	SC.1.E.5.1 more stars in the sky that can be counted SC.1.E.5.3 magnifiers make things appear bigger • SC.K.E.5.3 Sun seen during day	August 19 – August 30 (10 days)
Sunny Days *(Hot, Hot, Hot STEM Challenge)*	SC.1.E.5.4 beneficial/harmful properties of the Sun • SC.K.5.3 Sun seen during day	September 3 – September 17 (11 days)
Our Wonderful World	SC.1.E.6.1 water, rocks, etc. are found on Earth's surface	September 18 – October 2 (10 days)
Water, Water Everywhere *(Clean Water STEM Challenge)*	SC.1.E.6.2 need for water and water safety	October 3 – October 17 (10 days)
Great Happenings	SC.1.E.6.3 things happen fast and slowly on Earth	October 18 – October 31 (10 days)
Gravity Works	SC.1.E.5.2 Earth's gravity pulls objects towards Earth	November 1 – November 13 (9 days)
Earth Science *Formative Assessment Check*	1 day/20 questions - Remaining days can be used for review, debrief, reteach, and/or enrichment.	November 14 – November 20 (5 days)
Physical Science (November 21 – February 5)		
Sort It Out	SC.1.P.8.1 sort objects by observable properties • SC.K.P.8.1 sort objects by observable properties	November 21 – December 13 (12 days) Unit split over break
Thanksgiving Break November 25 – November 29		
Changing Motion *(Ozobot Changing Motion* *STEM Challenge)*	SC.1.P.12.1 various ways objects can move • SC.K.P.12.1 things move in different ways	December 16 – January 17 (12 days) Unit split over break
Standards-Based Winter Activity December 19-20		
Winter Break December 23 – January 3 (January 6 Teacher Planning Day)		

Pushes and Pulls *(Just for Kicks STEM Challenge)*	SC.1.P.13.1 change motion by pushes/pulls • SC.K.P.13.1 pushes and pulls	January 21 – January 31 (9 days)
Physical Science *Formative Assessment Check*	1 day/25 questions - Remaining days can be used for review, debrief, reteach, and/or enrichment.	February 3– February 5
Life Science (February 6 – May 29)		
Using Your Senses	SC.1.L.14.1 observations of living things in their environment • SC.K.L.14.1 five senses and body parts	February 6 – February 19 (9 days)
Citizen Science: Bird Count	SC.1.L.14.1 observations of living things in their environment • SC.K.L.14.1 five senses and body parts	February 20 – March 5 (10 days)
Science Projects – Review NOS and other Content Standards Refer to the **Science and Engineering Showcase Resources** module on Canvas.		March 6 – March 14 (7 days)
Spring Break March 17 – March 21		
Living and Nonliving	SC.1.L.14.3 difference between living/nonliving things • SC.K.L.14.3 similarities and differences of plants and animals	March 24 – April 2 (8 days)
All About Plants	SC.1.L.14.2 major parts of plants • SC.K.L.14.2 fictional/nonfictional plants and animals	April 3 – April 17 (11 days)
We Are Family	SC.1.L.16.1 plants/animal resemble parents • SC.K.L.14.3 similarities and differences of plants and animals	April 22 – May 5 (10 days)
Basic Needs	SC.1.L.17.1 basic needs of plants and animals, including humans	May 6 – May 16 (9 days)
Life Science *Formative Assessment Check*	1 day/25 questions - Remaining days can be used for review, debrief, reteach, and/or enrichment.	May 19 – May 21
Flight of the Pollinators *(Picture Perfect STEM Unit)*	SC.1.L.14.1 observations of living things in their environment SC.1.L.14.2 major parts of plants • SC.3.L.14.1 plant structures and their roles • SC.4.L.16.1 processes of reproduction in flowering plants • SC.4.L.17.4 plant/animal impact on environment	May 22 – May 29 (5 days)
SCIENCE AND ENGINEERING SHOWCASE - May 10, 2025 (School submissions due by April 22, 2025)		