Wimberley ISD 3rd Grade Science Year at a Glance
2025 - 2026

1st Grading Period

Developing Routines and Procedures for Class

Tools to Know : Ongoing

3.1(A) demonstrate safe practices as described in the Texas Education Agency-approved safety standards during classroom and outdoor investigations using safety equipment as appropriate, including safety goggles or chemical splash goggles, and gloves

3.2(A) plan and implement descriptive investigations, including asking and answering questions, making inferences, and selecting and using equipment or technology needed, to solve a specific problem in the natural world

3.2(E) demonstrate that repeated investigations may increase the reliability of results

3.4(A) collect, record, and analyze information using tools, including cameras, computers, hand lenses, metric rulers, Celsius thermometers, wind vanes, rain gauges, pan balances, graduated cylinders, beakers, spring scales, hot plates, meter sticks, magnets, collecting nets, notebooks, and Sun, Earth, and Moon system models; timing devices; and materials to support observation of habitats of organisms such as terrariums and aquariums

Ways to Show: Ongoing

3.2(B) collect and record data by observing and measuring using the metric system and recognize differences between observed and measured data

3.2(C) construct maps, graphic organizers, simple tables, charts, and bar graphs using tools and current technology to organize, examine, and evaluate measured data

3.2(D) analyze and interpret patterns in data to construct reasonable explanations based on evidence from investigations

3.2(F) communicate valid conclusions supported by data in writing, by drawing pictures, and through verbal discussion

3.3(A) analyze, evaluate, and critique scientific explanations by using evidence, logical reasoning, and experimental and observational testing

3.3(B) represent the natural world using models such as volcanoes or the Sun, Earth, and Moon system and identify their limitations, including size, properties and materials

3.3(C) connect grade-level appropriate science concepts with the history of science, science careers, and contributions of scientists

Scientific Method:

- 3.1(A) demonstrate safe practices as described in the Texas Education Agency-approved safety standards during classroom and outdoor investigations using safety equipment as appropriate, including safety goggles or chemical splash goggles, and gloves
- 3.2(A) plan and implement descriptive investigations, including asking and answering questions, making inferences, and selecting and using equipment or technology needed, to solve a specific problem in the natural world
- 3.4 Scientific investigation and reasoning. The student knows how to use a variety of tools and methods to conduct science inquiry.

Properties of Matter/Mixtures:

- 3.5(A)* measure, test, and record physical properties of matter, including temperature, mass, magnetism, and the ability to sink or float
- 3.5(B) describe and classify samples of matter as solids, liquids, and gases and demonstrate that solids have a definite shape and that liquids and gases take the shape of their container
- 3.5(C)^ predict, observe, and record changes in the state of matter caused by heating or cooling such as ice becoming liquid water, condensation forming on the outside of a glass of ice water, or liquid water

being heated to the point of becoming water vapor

- 3.5(D) explore and recognize that a mixture is created when two materials are combined such as gravel and sand or metal and plastic paper clips

Energy

- 3.6(A)* explore different forms of energy, including mechanical, light, sound, and thermal in everyday life

Force and Motion

- **3.6(B)^ demonstrate and observe how position and motion can be changed by pushing and pulling objects such as swings, balls, and wagons**

Readiness Standards
Supporting Standards

W1	Set up Science journal/ Lab safety
W2	Set up Science journal/ Lab safety
W3	Properties of Matter
W4	Properties of Matter
W5	States of Matter
W6	States of Matter
W7	Changes in Heat
W8	Forces - Magnetism & Gravity
W9	Forces - Magnetism & Gravity

Wimberley ISD 3rd Grade Science Year at a Glance

2025 - 2026

2nd Grading Period

Gravity/Magnetism:

- 3.6(C)* observe forces such as magnetism and gravity acting on objects

Formation of Soil:

- 3.7(A)* explore and record how soils are formed by weathering of rock and the decomposition of plant and animal remains

Earth's rapid changes:

- 3.7(B)^ investigate rapid changes in the Earth's surface such as volcanic eruptions, earthquakes, and landslides

Weather:

- 3.8(A)* observe, measure, record, and compare day-to-day weather changes in different locations at the same time that include air temperature, wind direction, and precipitation

W10	Forces
W11	Forms of Energy
W12	Forms of Energy
W13	Forms of Energy
W14	Weather
W15	Soil
W16	Rapid Changes
W17	Rapid Change
W18	Rapid Changes

Wimberley ISD 3rd Grade Science Year at a Glance

2025 - 2026

3rd Grading Period

Environments:

- 3.9(A)^ observe and describe the physical characteristics of environments and how they support populations and communities of plants and animals within an ecosystem
- 3.9(C) describe environmental changes such as floods and droughts where some organisms thrive and others perish or move to new locations

Adaptations:

- 3.10(A)* explore how structures and functions of plants and animals allow them to survive in a particular environment

Food Chain:

- 3.9(B)* identify and describe the flow of energy in a food chain and predict how changes in a food chain affect the ecosystem such as removal of frogs from a pond or bees from a field

Life Cycles:

- 3.10(B)^ investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady beetles

Readiness Standards

Supporting Standards

W19	The Sun: Our closest star and source of life
W20	The Sun/moon/Earth relationship
W21	Space: Order of planets
W22	Space: Order of planets/models
W23	Space: Order of planets/models
W24	Space: Order of planets/models
W25	Natural Resources
W26	Natural Resources
W27	Natural Resources

Wimberley ISD 3rd Grade Science Year at a Glance

2025 - 2026

4th Grading Period

Natural Resources:

- 3.7(C) explore the characteristics of natural resources that make them useful in products and materials such as clothing and furniture and how resources may be conserved

The Sun:

- 3.8(B)* describe and illustrate the Sun as a star composed of gases that provides light and thermal energy

Space:

- 3.8(D)^ identify the planets in Earth's solar system and their position in relation to the Sun

Readiness Standards

Supporting Standards

W28	Seasonal Change
W29	Seasonal Change
W30	Food Chains
W31	Food Chains
W32	Organisms & Environments
W33	Organisms & Environments
W34	Organisms & Environments
W35	Organisms & Environments
W36	EOY Activities
W37	Last Week of School