

Grade 4 Table of Contents

Science Category	Week	Topic
The Ways of Science	1	Scientific Methods
The Ways of Science	2	Science Tools, Safety
The Ways of Science	3	Analyzing Promotional Materials
Life Science	4	Food Chains
Life Science	5	Habitats and Ecosystems
Life Science	6	Food Chains, Food Webs
Life Science	7	Life Cycle, Germination
Life Science	8	Photosynthesis
Life Science	9	Relationships in Ecosystems
Life Science	10	Adaptations
Life Science	11	Inherited Traits, Learned Behaviors
Earth Science	12	Ecosystems, Extinction
Physical Science	13	States of Matter
Physical Science	14	Properties of Matter
The Ways of Science	15	Measuring Matter
Physical Science	16	Matter, Density
Physical Science	17	Electricity
Physical Science	18	Energy
Physical Science	19	Behavior of Light
Physical Science	20	Sound Energy
Physical Science	21	Magnetism
Physical Science	22	Forces Cause Change
Physical Science	23	Force and Motion
Physical Science	24	Force and Motion
Earth Science	25	Water Cycle
Earth Science	26	Change, Landforms
Earth Science	27	Change, Landforms
Earth Science	28	Properties of Soil
Earth Science	29	Investigating Motion
The Ways of Science	30	Soil, Plant Growth
Earth Science	31	Earth's Resources
Earth Science	32	Phases of the Moon
Earth Science	33	Patterns of Change, Seasons
Earth Science	34	Patterns of Change, Living Things
Earth Science	35	Patterns of Change, Shadows
The Ways of Science	36	Patterns of Change, Temperature

Grade 4 Table of Contents

Science Category	Week	Vocabulary Words
The Ways of Science	1	investigate/investigating, recording data, data, conclude/concluding, using a computer, question/questioning, infer/infering, advantage, disadvantage
The Ways of Science	2	tool, pan balance, meter stick, thermometer, measure/measuring, standard unit
The Ways of Science	3	graphing data, conclude/conclusion, reliable, observe/observing, data, sense, organ, safety goggles
Life Science	4	food chain, producer, consumer, model, herbivore, carnivore, organism
Life Science	5	habitat, ecosystem, living, nonliving, question/questioning, investigate/investigating
Life Science	6	food web, producer, consumer, predator, prey, decomposer, nutrients
Life Science	7	life cycle, germinate/germination, structure, metamorphosis, adult, pupa, larva, egg
Life Science	8	photosynthesis, oxygen, carbon dioxide, sugar, food, carbon dioxide-oxygen cycle, germinate/germination, investigate/investigating
Life Science	9	vertebrate, invertebrate, relationship, limitation, advantage, classify/classifying, metamorphosis, population
Life Science	10	adaptations, survive, structure, learned behaviors
Life Science	11	inherit/inherited, trait, learned behavior, inherited trait, behavior
Earth Science	12	extinct/extinction, ecosystem, vertebrates, classify/classifying, theory, fossil, paleontologist
Physical Science	13	state, solid, liquid, gas, physical properties, mass, volume, matter
Physical Science	14	mixture, solution, dissolve, evaporate/evaporation, thermometer condense/condensation, heat/thermal energy, freeze/freezing
The Ways of Science	15	Metric System/SI, volume, mass, balance, graduated cylinder, meter stick, thermometer, measure/measuring
Physical Science	16	float, sink, gravity, density, volume, mass, matter, weight
Physical Science	17	electricity, D-cell, circuit, electron, electric current, conductor, insulator, electromagnet
Physical Science	18	energy, light, heat/thermal energy, sound, electricity, solar, pollution, form
Physical Science	19	light, transparent, shadow, source, reflect/reflection, refract/refraction, lens
Physical Science	20	sound, vibrate/vibration, volume, pitch, forms of energy
Physical Science	21	magnet, magnetism, force, attract, repel, pole, compass, Law of Magnetism
Physical Science	22	force, friction, air resistance, gravity, motion, speed
Physical Science	23	system, investigation, materials, force, investigate/investigating, question/questioning, data
Physical Science	24	measure/measuring, mass, predict/predicting, move/movement, force, triple beam balance, pan balance, gram

Grade 4 Table of Contents

Earth Science	25	water cycle, ground water, evaporation, condensation, precipitation, cloud, ecosystem, weather, runoff water
Earth Science	26	landform, volcano, earthquake, weathering, erosion, deposition, agents of change
Earth Science	27	weathering, erosion, deposition, delta, stream table, model
Earth Science	28	humus, sand, clay, property, soil, topsoil, nutrient, texture, silt
Earth Science The Ways of Science	29	liter, milliliter, funnel, graduated cylinder, water retention, measure/measuring, volume
Earth Science	30	vary, observe/observing, conclude/concluding, investigate/investigating, plan/planning, selecting equipment, question/questioning, making a hypothesis
Earth Science	31	resource, renewable, nonrenewable, reduce, reuse, recycle, conservation
Earth Science	32	phase, pattern, cycle, shadow, full moon, crescent moon, new moon, reflected light
Earth Science	33	season, axis, revolve/revolution, rotate/rotation, model, year/day, hemisphere, orbit
Earth Science	34	migrate/migration, hibernate/hibernation, dormant/dormancy, graze/grazing
Earth Science	35	shadow, cardinal directions, movement, compass, revolve/revolution
The Ways of Science	36	science equipment, reading a chart, conclude/concluding, predict/predicting, infer/infering, record/recording

Each Week has a corresponding Think Sheet and Concept Builder