

Grade 5 Table of Contents

Science Category	Week	Topic
The Ways of Science	1	Laboratory Procedures and Safety
The Ways of Science	2	Models
The Ways of Science	3	Analyzing Information
Life Science	4	Inherited Traits and Learned Behavior
Life Science	5	Structural and Physical Adaptations
Life Science	6	Interactions in Systems
Life Science	7	Habitats and Food Chains
Life Science	8	Habitats and Food Chains
Life Science	9	Biomes and Energy Pyramids
Life Science	10	Food Webs, Changes in Ecosystems
Life Science	11	Changes in Ecosystems
Life Science	12	Physical Adaptations
Life Science	13	Carbon Dioxide-Oxygen Cycle
Life Science	14	Insect Metamorphosis
All Areas	15	Systems
The Ways of Science	16	Scientific Methods
The Ways of Science	17	Scientific Methods
The Ways of Science	18	Understanding Models
Physical Science	19	Reflection and Refraction of Light
Physical Science	20	Electricity
Physical Science	21	Electricity, Magnetism
Physical Science	22	Physical Properties, Physical Changes
Physical Science	23	Matter, Mixtures
Physical Science	24	Properties of Matter
The Ways of Science	25	Using Tools to Investigate Matter
Physical Science	26	Properties of Matter
Physical Science	27	Density/Sink and Float
Earth Science	28	Fossils
Earth Science	29	Forces that Change the Earth
Earth Science	30	Forces that Change the Earth
Earth Science	31	Landforms
Earth Science	32	Alternative Energy
Earth Science	33	Conservation of Resources
Physical Science	34	Sources of Energy
Earth Science	35	Water Cycle
Earth Science	36	Earth and Space

Grade 5 Table of Contents

Science Category	Week	Vocabulary Words
The Ways of Science	1	cycle, process, energy
The Ways of Science	2	force, model
The Ways of Science	3	system, process skill
Life Science	4	plant cell, animal cell, trait, environment, inherit, behavior, learned behavior
Life Science	5	physical adaptation, structural, camouflage, organism, mimicry, protective coloration
Life Science	6	migrate, hibernate, instinct, habitat, producer, consumer, interact, photosynthesis
Life Science	7	terrarium, food chain, decomposer
Life Science	8	equipment, food chain, niche, ecosystem
Life Science	9	biome, ecosystem, scavenger, decomposer, minerals/nutrients
Life Science	10	compete, predator, prey, resource, food web, reproduce/reproduction, population
Life Science	11	resource, population, omnivore, carnivore, herbivore, reading a chart, infer/infering, predict/predicting
Life Science	12	niche, physical adaptation, herbivore, carnivore, omnivore, decomposer, photosynthesis, scavenger
Life Science	13	photosynthesis, respiration, theory, raw material, product, sugar, chlorophyll
Life Science	14	insect, invertebrate, metamorphosis, complete, incomplete, stage, exoskeleton, molt, life cycle
All Areas	15	system, function, cross section
The Ways of Science	16	investigating, questioning, measuring, recording, making hypotheses, variable, data, hypothesis
The Ways of Science	17	investigating, questioning, measuring, recording, concluding, observing, variable, constant
The Ways of Science	18	model, graphing data, variable, constant, data, concluding, predicting
Physical Science	19	lens, light, magnify/magnifying, reduce/reducing, refract/refraction, reflect/reflection, prism, rainbow, transparent
Physical Science	20	electricity, circuit, switch, open circuit, insulate/insulator, conduct/conductor, closed circuit
Physical Science	21	magnetism, electromagnet, energy, magnet, north pole, south pole, attract, repel
Physical Science	22	mass, matter, volume, density, weight, state, molecule, gravity
Physical Science	23	mixture, physical property, dissolve/dissolving, solution, melt/melting, evaporate/evaporation, freeze/freezing, physical combination
Physical Science	24	luster, density, conduct/conductivity, solubility, texture, matter, mass, volume
The Ways of Science	25	equipment, measure/measuring, temperature, thermometer, graduated cylinder, balance, meter stick, metric units

Grade 5 Table of Contents

Physical Science	26	conduct, thermal energy, heat energy, contract, expand, insulate, molecule
Physical Science	27	dense/density, mass, volume, float, sink, convection current, reading a diagram, molecule
Earth Science	28	sediment, fossil, metamorphic rock, igneous rock, sedimentary rock, change, paleontology
Earth Science	29	model, rock cycle, delta, weathering, erosion, deposition
Earth Science	30	agents of weathering, stream table, glacier, advantage, limitation
Earth Science	31	constructive, destructive, core/mantle/crust, theory, Theory of Plate Tectonics, fault, plate,
Earth Science	32	renewable energy source, nonrenewable energy source, alternative energy source, fossil fuel, biofuel, geothermal energy, natural resources, hydroelectric energy, pollute/pollution
Earth Science	33	conserve/conservation, reduce, reuse, recycle
Physical Science	34	electrical energy, solar energy, wind energy, forms of energy, source
Earth Science	35	water cycle, condensation, precipitation, evaporation, run-off water, ground water, mouth of a river/source of a river, water vapor
Earth Science	36	rotate/rotation, revolve/revolution, axis, hemisphere, climate, weather, orbit, atmosphere

Each Week has a corresponding Think Sheet and Concept Builder