

# Scope and Sequence

Science Cards	Vocabulary
<b>LIFE SCIENCE</b>	
1 What Are Plants?	roots, stem, leaves
2 How Plants Make Food	photosynthesis, chlorophyll
3 Classifying Plants	vascular plants, nonvascular plants
4 Growing Plants	seed, germination, pollination
5 Plants Adapt	environment, survival, adaptations
6 Species	species, inherited traits, variation
7 Classifying Animals	invertebrates, vertebrates
8 Birds and Mammals	birds, warm blooded, mammals
9 Amphibians, Fish, and Reptiles	amphibians, cold blooded, reptiles
10 Animal Structures	structures, adaptations
11 Animal Defenses	camouflage, mimic, mimicry
12 Animal Behavior	instincts, learned behaviors
13 Hibernation and Migration	hibernation, migration
14 Metamorphosis	metamorphosis, larva, pupa
15 Carbon Dioxide-Oxygen Cycle	cycle, oxygen, carbon dioxide
16 Water Cycle	water cycle, transpiration
17 Food Chain	food chain, producer, consumer
18 Energy Transfer	food web, energy pyramid
19 Decay	decay, decomposers, microorganisms
20 Ecosystems	ecosystem
21 Competition	competition, niche
22 Social Behavior	behavior, adaptations
23 Ocean Ecosystems	twilight zone, dark zone, abyss
24 Destroying Ecosystems	habitat
25 Cells and Organs	cell, organ
26 Body Systems	respiratory system, circulatory system, muscular-skeletal system
27 Skin	epidermis, melanin, dermis
<b>EARTH SCIENCE</b>	
28 Moon Phases	rotate, revolve, phases
29 The Sun	solar energy, star
30 Solar System	planets, solar system, orbit
31 Moon and Earth	satellite, tides, gravitational attraction
32 Day and Night	axis, rotation
33 Seasons	revolution
34 Space Exploration	rocket, space probe, telescope
35 Atmosphere	air, air pressure, wind
36 Weather or Climate?	weather, climate
37 Clouds	cumulus, stratus, cirrus
38 Water Cycle	evaporation, condensation, precipitation
39 Rain Shadows	rain shadow

40 Fronts	air mass, cold front, warm front
41 Hurricanes	hurricane
42 Tornadoes	tornado, phenomena
43 Weathering	physical weathering, chemical weathering
44 Erosion	erosion, weathering
45 Avalanches and Landslides	avalanche, landslide
46 Volcanoes	volcano, lava
47 Earthquakes	earthquake, aftershocks
48 Natural Resources	resource, nonrenewable resource, renewable resource
49 Rocks	igneous, sedimentary, metamorphic
50 Earth's History	relative dating, fossils, index fossils
51 Rock Cycle	rock cycle, erode, deposit
52 Minerals	minerals, luster, streak
53 Soil	clay, humus, silt
54 Soil Conservation	horizons, inexhaustible resource, composting
<b>PHYSICAL SCIENCE</b>	
55 Static Electricity	static electricity, atom, electric charge
56 Magnetism	magnetic poles, magnetic field, magnetize
57 Electric Circuits	electric current, circuit, switch
58 Electric Conductors	conductor, insulator, resistor
59 Series and Parallel Circuits	series circuit, parallel circuit, short circuit
60 Energy Change	energy, transform
61 Electromagnetism	electromagnet
62 Electricity	renewable resource, nonrenewable resource
63 Fossil Fuels	fuel, combustion, fossil fuel
64 Heat Transfer	heat transfer, conductor, insulator
65 Heating Matter	molecule, physical change, water vapor
66 Metric System	centi-, milli-, kilo-
67 Matter	matter, atom
68 States of Matter	solid, liquid, gas
69 Measuring Matter	volume, mass
70 Weight	weight, spring scale
71 Density	density
72 Motion	force, inertia, friction
73 Speed	speed, acceleration
74 Levers	fulcrum, lever
75 Inclined Plane	inclined plane, wedge, screw
76 Wheel and Axle	wheel and axle, pulley
77 Waves	electromagnetic waves, vacuum
78 Light	opaque, transparent, translucent
79 Sound	vibrations, pitch
80 Hearing Sound	sound waves