

Scope and Sequence

Science Cards	Vocabulary
LIFE SCIENCE	
1 Living and Nonliving	ecosystem, environment, interact
2 Habitats	organisms, environment, habitat
3 Ecosystems	ecosystem, community, population
4 Food Chain	food chain, predator, prey
5 Energy Transfer	producers, consumers, decomposers
6 Organisms Adapt	adaptations, camouflage
7 Animal Behaviors	behaviors, learned behavior, inherited behavior
8 Natural Resources	carbon dioxide, natural resources, recycle
9 Conservation Is Important	conservation, biodegradable, compost
10 Changes in the Environment	disaster, natural events, restore
11 Extinct!	adapt, extinct
12 Dinosaurs	fossils, theories
13 Survival	endangered, litter, pollution
14 Flowering Plants	life cycle, pollination, germinates
15 Life Cycle of Mammals	mammals, life cycle, development
16 Frog Metamorphosis	amphibians, metamorphosis, tadpole
17 Plants Have Needs	carbon dioxide, photosynthesis, oxygen
18 Animals Have Needs	carnivores, herbivores, omnivores
19 Heredity	inherit, traits, variations
20 Muscles and Bones	contract, tendons, ligaments
21 What Bones Do	skeletal system, skull
22 What Muscles Do	muscular system, voluntary muscle, involuntary muscle
23 Germs and Disease	disease, germs
24 Food Labels	serving, gram
25 Nutrients	nutrients, vitamins, minerals
EARTH SCIENCE	
26 The Sun	energy, star
27 Eclipses	shadow, eclipse
28 Phases of the Moon	moon, phase
29 Earth and the Sun	axis, rotation, revolution
30 Solar System	solar system
31 Planets and the Sun	planet, orbit
32 Inner Planets	astronomers, craters
33 Outer Planets	orbit
34 Telescopes	telescope
35 The Milky Way Galaxy	galaxy
36 Movement in Space	planetarium
37 Constellations	stars, constellations
38 Earth's Layers	core, crust, mantle
39 Earth's Surface	landform, topographic maps

Science Cards	Vocabulary
40 Types of Landforms	mountain, plain, plateau
41 Glaciers	deposition, glacier
42 Volcanoes	volcano, lava
43 Earthquakes	earthquake
44 Weather	air pressure, water vapor
45 Measuring Weather	meteorologist, barometer, anemometer
46 Water Cycle	water cycle, evaporation, condensation
47 Rocks	minerals
48 Types of Rocks	igneous, sedimentary, metamorphic
49 Weathering	weathering, freezing, thawing
50 Erosion	erosion
51 Soil	soil
52 Types of Soil	clay, humus, silt
53 Natural Resources	resource, renewable, nonrenewable
PHYSICAL SCIENCE	
54 What Is Matter?	matter, atom, element
55 States of Matter	solid, liquid, gas
56 Physical Changes	states of matter, physical change
57 Chemical Changes	substance, chemical change
58 Combining Substances	mixture, solution
59 Using Energy	energy, fuel
60 Stored Energy	stored energy
61 Changes in Energy	heat, convert
62 Heat	heat, thermometer
63 Movement of Energy	radiation, conductors, insulators
64 Light and Heat	light, shadow
65 Solar Energy	solar energy
66 Light Travels	reflect, refract
67 How Do We See?	cornea, lens, pupil
68 Light Passes Through	transparent, translucent, opaque
69 Prisms	prism, spectrum
70 Seeing Colors	absorb, scatter
71 What Is a Force?	force, gravity
72 Work	work, force, distance
73 Motion	motion, speed
74 Inclined Plane	inclined plane, simple machine
75 Levers	lever, fulcrum
76 Electrical Energy	electrical conductor, electrical insulator
77 Electric Circuits	electric current, circuit
78 Electromagnets	electromagnet
79 Magnetism	magnet, poles
80 Static Electricity	static electricity, electric charge