

The following abbreviations are used in this index: S-September; O-October; N-November; D-December; Ja-January; F-February; Mr-March; Ap-April; My-May; T-Teacher's Edition. Numbers before hyphens indicate dates; after hyphens, page numbers.

## A-B

### ADDICTION

Genetics and Addiction, O27-20  
Stimulant Addiction, F23-18  
Teen Science Investigators, N10/24-24

### AERODYNAMICS

Fowled-Up Flights, Ap20-4

### AGING

How come our hair becomes white when we are old? O27-24

### ALBEDO

Chill Out, S15-10

### ALGAE

Slimed! Ja12-22

### AMPHIBIANS

Splat! (with graph), S1-3

### ANIMAL ADAPTATIONS

Cool Runnings (with map), F23-8  
Extreme Mammals, My11-18  
Why do baby deer have spots on their bodies? F23-24

### ANIMAL BEHAVIOR

Baby Talk, S15-4  
Boogie Bird, O6-3  
Catching ZZZ's, S1-6  
Head Over Heels, F23-7  
Massive Memory, N10/24-3  
Picky Eater, Ap6-4  
Surf's Up, F2-5  
Unfair Play, Mr16-4

### ANIMAL ENRICHMENT

Bloodsicle, O6-22  
It's Playtime at the Zoo, Ja12-8

### ANIMAL TRACKING

Animal Oceanographers, F23-16  
Cougar Trackers, F2-12  
Head Count, D8-3  
Tag, You're It, F2-5

### ANNIVERSARY

Happy 50th Birthday, Mr16-8  
You're the Reporter (activity), Mr16-T6

### ANTIBIOTICS

Superbug (with graph), Ap6-5

### ARCHAEOLOGY

Freed From the Ice (with map), Mr16-14  
I Want THAT Job! (marine archaeologist), Mr16-19  
Monumental Discovery, F2-7

### ART

Hidden Painting, O27-4

### ASK SCIENCE WORLD

How come our hair becomes white when we are old? O27-24  
How do moons come into existence? Ap20-16  
What are freckles? O6-24  
What causes you to blush? S1-24  
Why do baby deer have spots on their bodies? F23-24  
Why do people throw up when they are sick? N10/24-32

Why do we have eyebrows? F2-24  
Why do we have fingernails? D8-16  
Why do we have mucus and where does it come from? Mr16-24  
Why does a bee die once it has stung someone? S15-16  
Why does lightning affect TV? Ja12-24  
Why is a tomato considered a fruit? Ap6-24

### AVIATION

Light Flights, D8-6  
Rocket Man, Ja12-3  
Time Flies! (activity), D8-T6  
Up, Up, and Away, Ap6-3

### BASEBALL BATS

Bats Striking Out Ap6-16  
Maple Versus Ash (activity), Ap6-T7

### BATS

Bigmouth Bats (with graph), S1-5

### BEES

Bee Charmer, F2-22  
Tag, You're It, F2-5

### BINOMIAL NOMENCLATURE

The Name Game, F2-16

### BIRDS

Boogie Bird, O6-3  
Flock Attack! Mr16-22  
Fowled-Up Flights, Ap20-4  
Weight & Switch, Mr16-12

### BIRTHDAY

Happy 50th Birthday, Mr16-8

### BLUSHING

What causes you to blush? S1-25

### BODY SYSTEMS

Bionic Animals, S1-16  
Build a Bionic Foot (activity), S1-T7  
Making the Cut, N10/24-14  
Revved-Up Athletes (with diagram), My11-16  
Why do people throw up when they are sick? N10/24-32

### BOTTLES

Eco-Bottles (with graph), Ap6-6  
Speaking Up for a Better World, O27-14

## C-D

### CANCER

Defeating a Deadly Disease (with diagram), Ja12-12

### CARBON DIOXIDE

What's the Racket? F23-3

### CAREERS

I Want THAT Job! (bioacoustician), O27-13  
I Want THAT Job! (dairy scientist), My11-15  
I Want THAT Job! (disaster epidemiologist), D8-10  
I Want THAT Job! (food scientist), S1-19  
I Want THAT Job! (functional apparel designer), F2-15  
I Want THAT Job! (marine archaeologist), Mr16-19

I Want THAT Job! (park ranger), F23-21  
I Want THAT Job! (sports scientist), N10/24-11  
I Want THAT Job! (video-game engineer), O6-11  
I Want THAT Job! (volcanologist), Ja12-15  
I Want THAT Job! (zoo nutritionist), Ap6-15  
Up In Flames, O27-12

### CARS

Air-Powered Car (with graph), F2-4  
Coconuts to Car Parts, Ap6-7  
Up, Up, and Away, Ap6-3

### CATS

Famous Cats, Fenced In, O6-14  
Famous Cats, Fenced In (activity), O6-17

### CATTLE

Gas Bags (with graph), O6-6

### CAULIFLOWER EAR

Ear Puffs? N10/24-27

### CAVES

Snowy River, O27-6

### CELL PHONES

Blocked Calls (with graph), Mr16-6

### CHARTS

Crime Tracker, S15-13  
Dog Dollars and Sense (activity), N10/24-T7  
Medal Tally (activity), D8-T7  
Your Guide to a Winning Display (activity), S15-T5

### CHEMISTRY

I'm Melting (activity), Ap6-T6  
Name That Element! (activity), Ja12-19  
Name That Element! (nickel), Ja12-16  
Name That Element! (nitrogen), O27-16  
Name That Element! (tungsten), Ap6-12  
Periodic Puzzler (activity), O27-T7  
Pickled Squid (with graph), N10/24-6  
Whiz Kid, S1-20

### CHILI PEPPER

Hot Stuff (with graph), N10/24-5

### CLASSIFICATION

Cougars vs. Panthers, F2-T6  
The Name Game, F2-16

### CLIMATE

Super Slitherer, Ap20-5

### CLIMATE CHANGE

Animal Oceanographers, F23-16  
Freed From the Ice (with map), Mr16-14  
Happy 50th Birthday, Mr16-8  
Warming Signs, O6-18  
Word Warm-up (activity), O6-T7

### CLOTHING

I Want THAT Job! (functional apparel designer), F2-15

### COAL ASH

Toxic Spill, Mr16-5

### COCONUT

Coconuts to Car Parts, Ap6-7

### COMPOST

Make Your Own Compost! (activity), Ap20-T7

### CONJOINED

Stuck on You, Ja12-4

## CONSERVATION

Gorilla Haven (with graph), O27-7

## COTTON CANDY

Sweet Remedy, My11-5

## COUGARS

Cougar Trackers F2-12

Cougars vs. Panthers, F2-T6

## CROCODILES

Baby Talk, S15-4

DNA Detective, Mr16-20

## CRYSTALS

Snowy River, O27-6

## DIAMONDS

Toughing it Out, My11-6

## DINOSAURS

Mistaken Identity, Ap6-4

## DNA

DNA Detective, Mr16-20

Mammoth Breakthrough (with graph), F23-6

## DOGS

Cool Runnings (with map), F23-8

Racer Roster (activity), F23-T7

Unfair Play, Mr16-4

## DRUG ABUSE

Crime Tracker, S15-13

Genetics and Addiction, O27-20

Stimulant Addiction, F23-18

Teen Science Investigators, N10/24-24

The Truth about "Rehab" & Drug Addiction, Ap6-20

## E-F

## EARTH

Fallen Arch, N10/24-7

Fiery Island, N10/24-5

## EARTHQUAKES

Shakeout, Rattle, and Roll (with graph), O27-3

Still Standing, F23-5

## ECOSYSTEMS

Head Count, D8-3

## EDUCATION

Girls=Boys, O27-4

## ELECTROMAGNETIC SPECTRUM

The Sky's the Limit, F23-12

## ELEMENTS

Name That Element! (activity), Ja12-19

Name That Element! (nickel), Ja12-16

Name That Element! (nitrogen), O27-16

Name That Element! (tungsten), Ap6-12

Periodic Puzzler (activity), O27-T7

Weight & Switch, Mr16-12

What are you made of? (activity), Ja12-T6

## ELEPHANTS

Massive Memory, N10/24-3

## EMERGENCY MEDICAL TECHNICIANS

High-School Heroes, O6-12

## ENERGY

Hands-On Science (activity), My11-T6

Pedal Power, Mr16-7

Sea Breeze (with map), My11-12

Sea Breeze (activity), My11-14

Socket Survey (with graph), F23-4

## ENGINEERING

Still Standing, F23-5

## EPIDEMIOLOGY

I Want THAT Job! (disaster epidemiologist), D8-10

## E-WASTE

Waste Not, Want Not, N10/24-20

## EXERCISE

American Idle (with graph), O6-4

Pedal Power, Mr16-7

## EYEBROWS

Why do we have eyebrows? F2-24

## FARMS

Farm-Fresh Perspective, Ap20-12

Make Your Own Compost! (activity), Ap20-T7

## FEET

Flipped Feet, S1-23

## FINGERNAILS

Why do we have fingernails? D8-16

## FISH

Fish Facial, O27-19

Rough Waters (with map), Ap20-14

## FLAMINGOS

What do you know? Ja12-T7

Wild-Weather Birds, Ja12-20

## FOOD SCIENCE

I Want THAT Job! (food scientist), S1-20

## FORCES AND MOTION

Ancient Chute, S1-7

Wall Walker, O6-5

Wheelchair Wheelies, Ap6-8

Wheelchair Wheelies (activity), Ap6-11

## FOSSILS

Fossil Finds, D8-14

Mammoth Breakthrough (with graph), F23-6

Mistaken Identity, Ap6-4

Seashells in the Desert, S1-5

## FRECKLES

What are freckles? O6-24

## G-H

## GALAXIES

Milky Way Remapped, S15-4

## GENETICS

DNA Detective, Mr16-20

Famous Cats, Fenced In, O6-14

Famous Cats, Fenced In (activity), O6-17

Genetics and Addiction, O27-20

In the Pink, My11-3

## GIANT SQUID

Pickled Squid (with graph), N10/24-6

## GLACIERS

Freed From the Ice (with map), Mr16-14

Freed From the Ice (activity), Mr16-18

Toy Story, D8-4

## GLOBAL WARMING

Chill Out, S15-10

Gas Bags (with graph), O6-6

## GORILLAS

Gorilla Haven (with graph), O27-7

## GRAPHING

All Aboard! (activity), F2-T7

Illegal Goods (activity), Mr16-T7

I'm Melting (activity), Ap6-T6

Manatee Count (activity), O6-T6

Oil Aboard! (activity), S1-T6

Racer Roster (activity), F23-T7

Recycling by the Numbers (activity), Ap20-T6

Recycling Decoded (activity), O27-T6

Safety First (activity), My11-T7

What Are You Made of? (activity), Ja12-T6

Your Guide to a Winning Display (activity), S15-T5

## GREENHOUSE GASES

Warming Signs, O6-18

## GROSS OUT

Bloodsicle, O6-22

Ear Puffs? N10/24-27

Fish Facial, O27-19

Flipped Feet, S1-22

Flock Attack! Mr16-22

Got Milk? My11-22

Not So Sweet Potato, Ap6-19

Sneak Attack, F23-22

## HABITAT

Cougar Trackers, F2-12

## HANDS-ON SCIENCE

Famous Cats, Fenced In (activity), O6-17

Freed From the Ice (activity), Mr16-18

Kings of the Strings (activity), F2-11

Light Flights (activity), D8-9

Name That Element! (activity), Ja12-19

Sea Breeze (activity), My11-14

Submerged City (activity), S1-11

The Sky's the Limit (activity), F23-15

Up In Flames (activity), O27-12

Wheelchair Wheelies (activity), Ap6-11

## HEALTH

American Idle (with graph), O6-4

Defeating a Deadly Disease (with diagram),  
Ja12-12

High-School Heroes, O6-12

Protect Yourself (with chart), N10/24-28

Safe to Drink? S1-6

Superbug (with graph), Ap6-5

Why We Yawn, Mr16-5

## HEMINGWAY, ERNEST

Famous Cats, Fenced In, O6-14

## HORSES

Head Over Heels, F23-7

## HUMAN BODY

Built to Swim (with diagram), D8-11

Sweet Remedy, My11-5

## HURRICANES

Submerged City (with map), S1-8

Submerged City (activity), S1-11

## I-J-K

## ICE AGE

Ice-Free Passage (with map), O6-4

## IDITAROD

Cool Runnings (with map), F23-8

Racer Roster (activity), F23-T7

## INERTIA

Wheelchair Wheelies (activity), Ap6-11

## INFLUENZA

Flu Finder, F2-6

## INSECTS

Bats Striking Out, Ap6-16

In the Pink, My11-3

Picky Eater, Ap6-4

Swarm! Ap20-3

## INVASIVE SPECIES

All Aboard! (activity), F2–T7

Bats Striking Out, Ap6–16

## JELLYFISH

All Aboard! (activity), F2–T7

Attack of the Jellyfish, F2–18

## KANGAROO RAT

Head Count, D8–3

## KOALAS

Australia Ablaze, My11–7

## L–M

### LEAD

Weight & Switch, Mr16–12

### LEONARDO DA VINCI

Ancient Chute, S1–7

### LIGHT

Eye-Popping Discovery, S15–3

Sky Lights, My11–4

That's Bananas! Ja12–7

### LIGHT BULBS

Socket Survey (with graph), F23–4

### LIGHTNING

Why does lightning affect TV? Ja12–24

### LION

Bloodsicle, O6–22

### LOCKS

High-Tech Rescue (with diagram and map), O6–8

### LOCUSTS

Swarm! Ap20–3

### MAGNETISM

Locker Style, O6–7

### MAMMALS

Extreme Mammals, My11–18

### MAMMOTHS

Mammoth Breakthrough (with graph), F23–6

### MANATEES

High-Tech Rescue (with diagram and map), O6–8

Manatee Count (activity), O6–T6

### MARINE ANIMALS

Protected Paradise (with map), Ap20–6

What's the Racket? F23–3

### MARS

Let It Snow (with graph), Ja12–4

### MATERIALS

Coconuts to Car Parts, Ap6–7

Tough Tissue, Ap20–5

### MATH

Girls=Boys, O27–4

### METHANE

Gas Bags (with graph), O6–6

### MIGRATION

Ice-Free Passage (with map), O6–4

### MILK

Got Milk? My11–22

I Want THAT Job! (dairy scientist), My11–15

### MILKY WAY

Milky Way Remapped, S15–4

### MINERALS

Toughing it Out, My11–6

### MONEY

Crime Tracker, S15–13

### MOONS

How do moons come into existence? Ap20–16

One Giant Leap (with graph), My11–4

### MUCUS

Why do we have mucus and where does it come from? Mr16–24

### MUMMIES

Freed From the Ice (with map), Mr16–14

### MUSICAL ROAD

Get in the Groove, Ja12–5

## N–O

### NATIONAL PARKS

I Want THAT Job! (park ranger), F23–21

### NATURAL DISASTERS

Health Hazards (with graph), Mr16–3

I Want THAT Job! (disaster epidemiologist), D8–10

Submerged City (with map), S1–8

Submerged City (activity), S1–11

### NATURAL RESOURCES

Oil Aboard! (activity), S1–T6

The Scoop on Oil (with map and graph), S1–12

### NEW YORK

Submerged City (with map), S1–8

Submerged City (activity), S1–11

### NUTRITION

Eat Smart, Don't Gobble, N10/24–22

I Want THAT Job! (zoo nutritionist), Ap6–15

Snack Attack (with chart), D8–5

### OCEANS

Animal Oceanographers, F23–16

Noisy Eaters, O27–5

Protected Paradise (with map), Ap20–6

What's the Racket? F23–3

### OIL

Oil Aboard! (activity), S1–T6

The Scoop On Oil (with map and graph), S1–13

### OLYMPICS

Built to Swim (with diagram), D8–11

Medal Tally (activity), D8–T7

Slimed! Ja12–22

### ORGANIC

Farm-Fresh Perspective, Ap20–12

Organic Food: Fact or Fiction, N10/24–12

### OZONE

Breathe Easy, S15–6

## P–Q–R

### PALEONTOLOGY

Extreme Mammals, My11–18

### PAPER

Tough Tissue, Ap20–5

### PERIODIC TABLE

I'm Melting (activity), Ap6–T6

Name That Element! (nickel), Ja12–16

Name That Element! (nitrogen), O27–16

Name That Element! (tungsten), Ap6–12

What Are You Made of? (activity), Ja12–T6

Whiz Kid, S1–22

### PETS

Dog Dollars and Sense (activity), N10/24–T7

Famous Cats, Fenced In, O6–14

Wild Pets, N10/24–16

### HELPS, MICHAEL

Built to Swim (with diagram), D8–11

### PHEROMONES

Bee Charmer, F2–22

### PHOENIX LANDER

Let It Snow (with graph), Ja12–4

### PHOTOSYNTHESIS

Sun-Powered Slug, F23–4

### PLANETS

Let It Snow (with graph), Ja12–4

Vanishing Act, S1–4

### PLANTS

Hot Stuff (with graph), N10/24–5

That's Bananas! Ja12–7

### PLASTIC SURGERY

Making the Cut, N10/24–14

### PLASTICS

Eco-Bottles (with graph), Ap6–6

Recycling Decoded (activity), O27–T6

Safe to Drink? S1–6

Speaking Up for a Better World, O27–14

### PLATE TECTONICS

Fossil Finds, D8–14

Protected Paradise (with map), Ap20–6

### POLLUTION

Air-Powered Car (with graph), F2–4

Sky Lights, My11–4

Toxic Spill, Mr16–5

### POTATOES

Not So Sweet Potato, Ap6–19

### PRESERVATIVES

Pickled Squid (with graph), N10/24–6

### PROSTHETICS

Bionic Animals, S1–16

Build a Bionic Foot (activity), S1–T7

Give Them a Hand, F2–3

### PROTECTED SPECIES

DNA Detective, Mr16–20

Illegal Goods (activity), Mr16–T7

### PYRAMIDS

Monumental Discovery, F2–7

Seashells in the Desert, S1–5

### RACERS

Revved-Up Athletes (with diagram), My11–16

Safety First (activity), My11–T7

### RADIO WAVES

The Sky's the Limit (activity), F23–15

### RATS

Surf's Up, F2–5

### RECYCLING

Eco-Bottles (with graph), Ap6–6

Recycling By the Numbers (activity), Ap20–T6

Recycling Decoded (activity), O27–T6

So Long to Sorting (with diagram), Ap20–10

Speaking Up for a Better World, O27–14

Waste Not, Want Not, N10/24–20

### REHAB

The Truth about "Rehab" & Drug Addiction, Ap6–20

### REPRODUCTION

In the Pink, My11–3

Stuck on You, Ja12–4

### RHYTHM

Boogie Bird, O6–3

### RIVERS

Rough Waters (with map), Ap20–14

## ROAD KILL

Splat! (with graph), S1-3

## ROBOTICS

Give Them a Hand, F2-3

Power Walk, N10/24-4

Wall Walker, O6-5

## ROCKS

Seashells in the Desert, S1-5

# S

## SALMONELLA

Wild Pets, N10/24-17

## SATURN

Vanishing Act, S1-4

## SCIENCE PROJECTS

Breathe Easy, S15-6

Chill Out, S15-10

Crime Tracker, S15-13

Recipe for a Successful Experiment (activity), S15-T4

Teen Science Investigators, N10/24-24

Your Guide to a Winning Display (activity), S15-T5

## SCIENTIFIC METHOD

Breathe Easy, S15-6

## SEA SLUG

Sun-Powered Slug, F23-4

## SEALS

Animal Oceanographers, F23-16

Seal Trails (activity), F23-T6

## SHRIMP

Eye-Popping Discovery, S15-3

## SKYDIVING

Ancient Chute, S1-7

## SLOTHS

Catching ZZZ's, S1-6

## SNAKES

Super Slitherer, Ap20-5

## SOILS

Organic Food: Fact or Fiction, N10/24-12

## SOLAR POWER

Light Flights, D8-6

Light Flights (activity), D8-9

Time Flies! (activity), D8-T6

## SOUND

Bigmouth Bats (with graph), S1-5

Kings of the Strings, F2-8

Kings of the Strings (activity), F2-11

What's the Racket? F23-3

Get in the Groove, Ja12-5

I Want THAT Job! (bioacoustician), O27-13

Noisy Eaters, O27-5

## SPACE

Long-Distance Voting, Ja12-6

## SPIDERS

Sneak Attack, F23-22

## SPORTS

I Want THAT Job! (sports scientist), N10/24-11

Sports Go High Tech, N10/24-8

## STAR TREK

Star Trek Tech, My11-8

## STDS

Protect Yourself (with chart), N10/24-28

## STIMULANTS

Stimulant Addiction, F23-18

## SURFING

Surf's Up, F2-5

## SWARMS

Attack of the Jellyfish, F2-18

## SWIMMING

Built to Swim (with diagram), D8-11

# T-U-V

## TECHNOLOGY

Air-Powered Car (with graph), F2-4

Blocked Calls (with graph), Mr16-6

Flu Finder, F2-6

Give Them a Hand, F2-3

Happy 50th Birthday, Mr16-8

High-Tech Rescue (with diagram and map), O6-8

I Want THAT Job! (functional apparel designer), F2-15

Light Flights, D8-6

Long-Distance Voting, Ja12-6

One Giant Leap (with graph), My11-4

Power Walk, N10/24-4

Rocket Man, Ja12-3

Sea Breeze (with map), My11-12

So Long to Sorting (with diagram), Ap20-10

Sports Go High Tech, N10/24-8

Star Trek Tech, My11-8

Tag, You're It, F2-5

The Sky's the Limit, F23-12

TV Goes Digital, D8-4

Up, Up, and Away, Ap6-3

You're the Reporter (activity), Mr16-T6

## TECTONIC PLATES

Shakeout, Rattle, and Roll (with graph), O27-3

## TEENS

Blocked Calls (with graph), Mr16-6

Breathe Easy, S15-6

Chill Out, S15-10

Crime Tracker, S15-13

Defeating a Deadly Disease (with diagram), Ja12-12

Farm-Fresh Perspective, Ap20-12

High-School Heroes, O6-12

Kings of the Strings, F2-8

Locker Style, O6-7

Making the Cut, N10/24-14

Protect Yourself (with chart), N10/24-28

Sea Breeze (with map), My11-12

Snack Attack (with chart), D8-5

Speaking Up for a Better World, O27-14

Teen Science Investigators, N10/24-24

Waste Not, Want Not, N10/24-20

Wheelchair Wheelies, Ap6-8

Whiz Kid, S1-21

## TELESCOPES

The Sky's the Limit, F23-12

The Sky's the Limit (activity), F23-15

## TELEVISION

TV Goes Digital, D8-4

## THANKSGIVING

Eat Smart, Don't Gobble, N10/24-22

## TOMATOES

Why is a tomato considered a fruit? Ap6-24

## TOPS

Wheelchair Wheelies (activity), Ap6-11

## TREES

Bats Striking Out, Ap6-16

Maple Versus Ash (activity), Ap6-T7

## VAN GOGH, VINCENT

Hidden Painting, O27-4

## VIDEO GAMES

I Want THAT Job! (video-game engineer), O6-11

## VIOLINS

Kings of the Strings, F2-8

Kings of the Strings (activity), F2-11

## VIRUSES

Flu Finder, F2-6

## VISION

Eye-Popping Discovery, S15-3

## VOCABULARY

Periodic Puzzler (activity), O27-T7

Word Warm-up (activity), O6-T7

## VOLCANOES

Fiery Island, N10/24-5

I Want THAT Job! (volcanologist), Ja12-15

## VOTING

Long-Distance Voting, Ja12-6

# W-X-Y-Z

## WEATHER

Health Hazards (with graph), Mr16-3

## WEATHERING

Fallen Arch, N10/24-7

## WETLANDS

What Do You Know? Ja12-T7

Wild-Weather Birds, Ja12-20

## WHEELCHAIRS

Wheelchair Wheelies, Ap6-8

## WILDFIRES

Australia Ablaze, My11-7

Up In Flames, O27-8

Up In Flames (activity), O27-12

## WILDLIFE

Fowled-Up Flights (with graph), Ap20-4

Wild Pets, N10/24-16

## WIND

Sea Breeze, My11-12

Sea Breeze (activity), My11-14

Hands-On Science (activity), My11-T6

## WRITING

You're the Reporter (activity), Mr16-T6

## X-RAYS

Hidden Painting, O27-4

## YAWNING

Why We Yawn, Mr16-5

## ZOOS

I Want THAT Job! (zoo nutritionist), Ap6-15

It's Playtime at the Zoo, Ja12-8