SCIENCE — CHEMISTRY

SIGNS & SYMBOLS

Dalton’s symbols

SCIENCE — PATHOLOGY

DISEASE

AIDS statistics
Pre-1985 to 1994 (p1)

AIDS statistics
pre-1985 to 1994 (p2)

SCIENCE — PHYSICS

GENERAL

Three types of Levers

Pulley system

Combined Pulley
GENERAL

Fixed Pulley

Moveable Pulley

Pulley

Wheel & Axle system

EXPERIMENTS

Decomposing water with electricity (p1)

Decomposing water with electricity (p2)
SCIENCE — PHYSICS

GASES

Carbon cycle (p1)

Carbon cycle (p2)

Carbon cycle (p3)

Carbon cycle, simple

Nitrification (p1)

Nitrification (p2)

Phosphorus Cycle (p1)

Phosphorus Cycle (p2)
HYDRAULICS

Hydraulic system

Hydraulic fluid transportation

Hydraulic system valve

Hydraulic-pneumatic braking system
SCIENCE — PHYSICS

LIGHT

Refraction (p1)

Light rays

Refraction (p2)

Shadows (p1)

Light rays

Law of reflection

Shadows (p2)

Line spectrum

Light, traveling (p1)

Light, traveling (p2)
SCIENCE — PHYSICS

LIGHT

Reflecting and absorbing light (p1)

Reflecting and absorbing light (p2)

Light energy

Light (p1)

Light (p2)

Light (p3)

X-rays, diffraction

Reflected light (p1)

Reflected light (p2)

Reflected light, simple

Refraction, simple
SCIENCE — PHYSICS

MATTER

Structure of ice

Charles’ law (p1)

Charles’ law (p2)

Standard solution by dilution (p1)

Standard solution by dilution (p2)

Volume of a regular solid

Water changing state
SCIENCE — PHYSICS

MECHANICS

Pressurized fluid system (p1)  Pressurized fluid system (p2)  Rack and Pinion Gear

RADIOACTIVITY

Nuclear Reactor (p1)  Nuclear Reactor (p2)  Alpha Decay

Beta Decay  Cathode Ray Tube (p1)  Cathode Ray Tube (p2)

Electromagnetic Spectrum
SCIENCE — PHYSICS

RADIOACTIVITY

Gamma Ray in DNA strand (p1)  Gamma Ray in DNA strand (p2)  Induced Nuclear Reaction

Nuclear Chain Reaction, labeled (p1)  Nuclear Chain Reaction, labeled (p2)  Nuclear Fission of Uranium-235

Penetration of Radiation (p1)  Penetration of Radiation (p2)  Radiation Symbol - International

Radiation (p1)  Radiation (p2)  X-ray Tube
SCIENCE — PHYSICS

THERMODYNAMICS

Heating substances (p1)  Heating substances (p2)  Heating substances (p3)

Distilling drinking water from salt water

Exothermic Reactions

Heat transfer

Thermal Energy

Thermal Expansion & Air Pressure (p1)

Thermal Expansion & Air Pressure (p2)

SCIENCE — ZOOLOGY

ARACHNIDS

Spiders
SCIENCE — ZOOLOGY

BIRDS

Bird beaks (p1)

Bird beaks (p2)

Amniotic Egg

FISH

Migration route of Pacific Salmon (p1)

Migration route of Pacific Salmon (p2)

Cichlid Species found in Lake Victoria (p1)

Cichlid Species found in Lake Victoria (p1)

Cichlid Species found in Lake Victoria (p1)
SCIENCE — ZOOLOGY

GASTROPOD

Snail, circulatory system

INSECTS

Honeycomb

Ladybug

Butterfly Metamorphosis

Leaf-Cutting Ant

Bees
SCIENCE — ZOOLOGY

MAMMALS

Energy flow in a cow

Arctic Fox & Arctic Hare
-Venn diagram

REPTILES

Coral snake

WORMS

Tapeworm lifecycle (p1)

Tapeworm lifecycle (p2)

Worm, circulatory system
SOCIAL STUDIES — GENERAL

ECOLOGY

Ecosystems

The general flow of energy and nutrients in an ecosystem (p1)

The general flow of energy and nutrients in an ecosystem (p2)

Food Pyramid (p1)

Food Pyramid (p2)

Salt marsh food web (p1)

Salt marsh food web (p2)

Food web

Pyramid of numbers

Ocean and Land Ecosystems - overlap

Adaptive Radiation in Finches

Detrivores & Decomposers (p1)

Detrivores & Decomposers (p2)
SOCIAL STUDIES — GENERAL

ECOLOGY

Ecosystems (cont.)

Energy Flow in an Ecosystem

Food Chain-Scientific Model

Food Pyramid-Scientific Model

Food Web-Scientific Model

Pacific Ocean Food Web

Predator & Prey

Primary Succession (p1)

Primary Succession (p2)

Terrestrial Ecosystem Food Web

World Biomes (p1)

World Biomes (p2)

World Biomes (p3)
SOCIAL STUDIES — GENERAL

ECOLOGY

Ecosystems (cont.)

World Boreal Forests (p1)  World Boreal Forests (p2)

Environment

Extinctions of birds and mammals since 1600 (p1)  Extinctions of birds and mammals since 1600 (p2)  Greenhouse Effect (p1)

Greenhouse Effect (p2)  Greenhouse Emissions in Canada (p1)  Greenhouse Emissions in Canada (p1)
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ECOLOGY

Environment (cont.)

World environmental problems (p1)

Decrease in tropical rain forests (p1)

Global Albedo (p1)

Greenhouse Emissions (p1)

World environmental problems (p2)

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Global Albedo (p2)

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World environmental problems (p3)

Decrease in tropical rain forests (p3)

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ECOLOGY

Environment (cont.)

- Impact of global warming on Salmon (p1)
- Impact of global warming on Salmon (p2)
- Impact of global warming on Salmon (p3)
- Methane Sources in Canada (p1)
- Methane Sources in Canada (p1)
- Synthetic Wetlands (p1)
- Synthetic Wetlands (p1)
SOCIAL STUDIES — GENERAL

ECOLOGY

Pollution

Acid rain sources (p1)

Acid rain sources (p2)

Acid rain sources (p3)

Waste

Recycling Aluminum Cans
SOCIAL STUDIES — GENERAL

ELECTRICITY

Making electricity

Coal-Fired Power Station – unlabelled

Electric Generator - simple

Hydro-Electric power station

Tidal Generating Station

Fossil Fuel Generator

Van de Graaff generator

CANDU Reactor (p1)

CANDU Reactor (p2)

Electrical Conductivity Test
SOCIAL STUDIES — GENERAL

ELECTRICITY

Circuits

Circuit

Circuit symbols (p1)

Circuit symbols (p2)

Circuit symbols (p3)

Circuit symbols (p4)

Circuit Breakers

Short Circuit

Parallel circuit (p1)

Parallel circuit (p2)

Series Circuit (p1)

Series Circuit (p2)

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