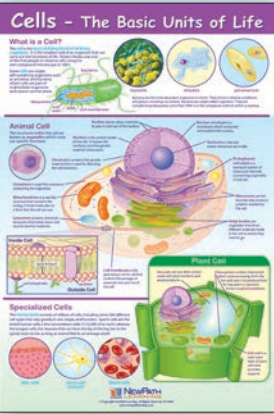


## Life Science Posters Grades 6 – 10

*A Graphic Look of Key Science Concepts!*

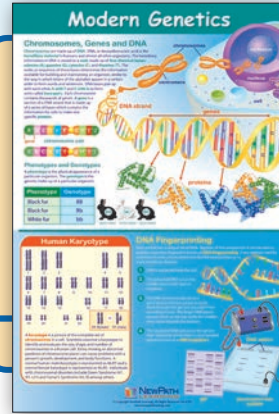
Large, reference posters feature detailed illustrations to facilitate comprehension of key, standards-based concepts. Each poster is 23" x 35" and is laminated for years of use!



### Cells Poster

*Provides a graphic comparison of plant & animals cells as well as a detailed look organelles & various specialized cells.*

34-6101 ..... \$20.95



### Modern Genetics Poster

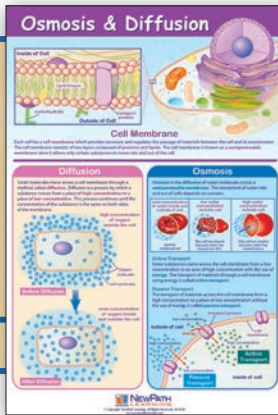
*Illustrated overview of chromosomes, genes, DNA & DNA fingerprinting.*

34-6103 ..... \$20.95

### Osmosis & Diffusion Poster

*Visual representation of the structure of cell membranes, the processes of diffusion & osmosis along with the difference between them.*

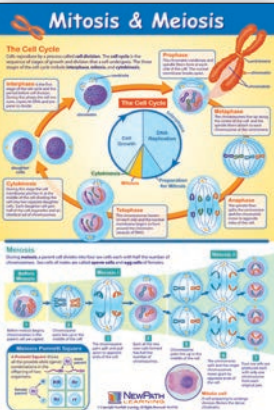
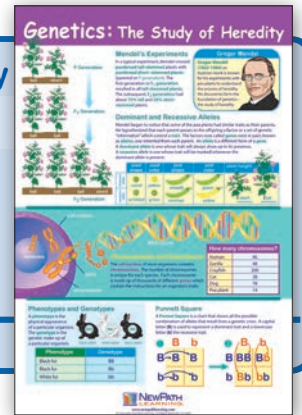
34-6102 ..... \$20.95



### Genetics: Study of Heredity Poster

*Comprehensive coverage of Mendel's experiments; dominant & recessive alleles; chromosomes & inheritance; phenotypes & genotypes; and Punnett Square!*

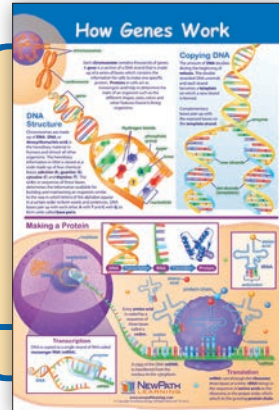
34-6110 ..... \$20.95



### Mitosis & Meiosis Poster

*Detailed descriptions & illustrations of each phase of mitosis & meiosis provide a comparison of these important processes.*

34-6104 ..... \$20.95



### How Genes Work Poster

*A fascinating and informative look at genes & chromosomes, DNA structure & replication and protein synthesis.*

34-6108 ..... \$20.95

### Stem Cells Poster

*What are stem cells? How are they made? What promises do they provide? An illustrated overview of this topical subject.*

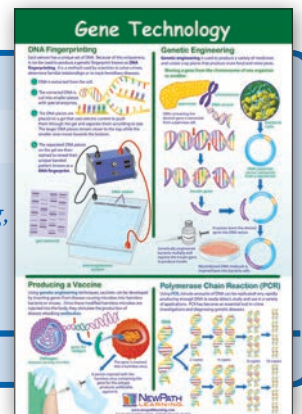
34-6109 ..... \$20.95



### Gene Technology Poster

*Features detailed information and illustrations on DNA fingerprinting, genetic engineering, vaccine production and Polymerase Chain Reaction (PCR).*

34-6107 ..... \$20.95



## Life Science Posters Grades 6 – 10

*Visual Overview of Key Science Concepts!*

Stunningly detailed graphics provide a comprehensive look at key, standards-based topics. Each poster is 23" x 35" and laminated for years of use!



### All About Plants Poster

*Covers gymnosperms & angiosperms; seed structure; and non-vascular & vascular plants.*

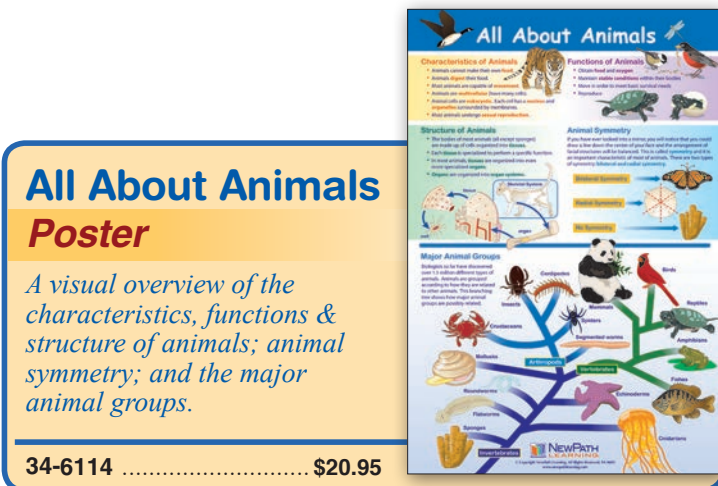
34-6113 ..... \$20.95



### The Six Kingdoms of Life Poster

*Provides a detailed, illustrated look at classification and the six kingdoms!*

34-6112 ..... \$20.95



### All About Animals Poster

*A visual overview of the characteristics, functions & structure of animals; animal symmetry; and the major animal groups.*

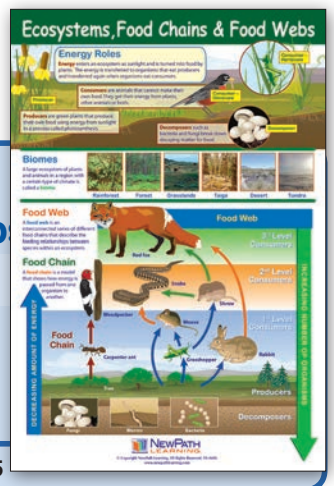
34-6114 ..... \$20.95



### Ecosystems, Food Chains & Food Webs Poster

*A graphic look at biomes, food webs & chains as well as the role they play in nature.*

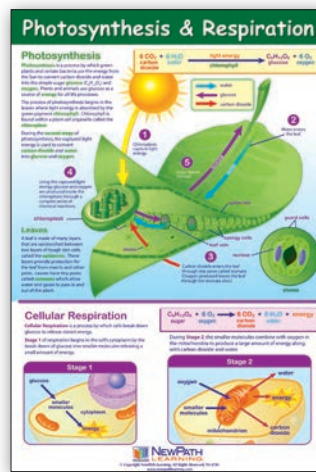
34-6111 ..... \$20.95



### Microlife Poster

*Graphic survey features illustrations & photographs of bacteria, fungi & protists.*

34-6106 ..... \$20.95



### Photosynthesis & Respiration Poster

*Comprehensive coverage of the steps of photosynthesis & the two stages of respiration.*

34-6105 ..... \$20.95

## Physical Science Posters Grades 6 - 10

*Graphic Overview of Key Science Concepts!*

Laminated for years of use, each 23" x 35" poster provides a comprehensive look at a key, standards-based topic.



### Forces & Motion Poster

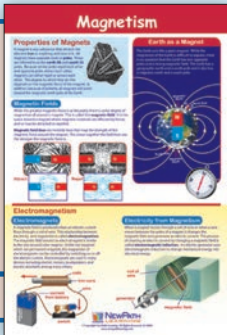
*Provides a detailed overview of force, gravity, motion and momentum as well as Newton's Laws.*

34-6801 ..... \$20.95

### Electricity Poster

*A graphic look at electric charge, current, circuits and power! Also provides an overview of voltage, resistance and Ohm's Law.*

34-6802 ..... \$20.95



### Magnetism Poster

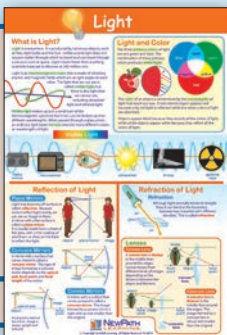
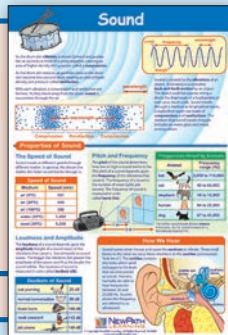
*What is a magnet? How do magnetic fields work? How can magnetism generate electricity?*

34-6803 ..... \$20.95

### Sound Poster

*Take a comprehensive look at sound waves as well as their characteristics, properties and uses.*

34-6804 ..... \$20.95



### Light Poster

*Features a detailed overview of light waves; reflection & refraction; and mirrors, lenses & their applications.*

34-6805 ..... \$20.95

## Earth Science Posters Grades 6 - 10

*Visual Overview of Key Science Concepts!*



### Minerals Poster

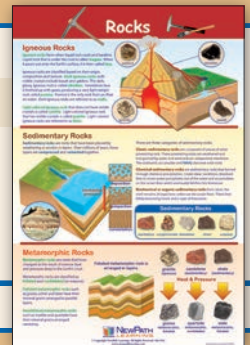
*What is a mineral? How do they form? How can they be identified? What are their uses?*

34-6501 ..... \$20.95

### Rocks Poster

*An illustrated look at metamorphic, sedimentary and igneous rocks as well as how they are formed!*

34-6502 ..... \$20.95



### Fossils Poster

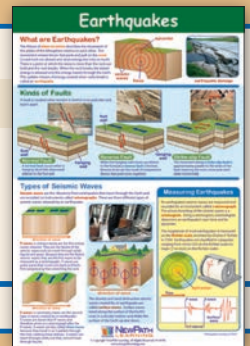
*A fascinating look at fossils, their types, how they form and their use in studying the geologic past.*

34-6503 ..... \$20.95

### Earthquakes Poster

*Provides a detailed look at faults, seismic waves and earthquakes as well as how they are measured.*

34-6504 ..... \$20.95



### Understanding Weather Poster

*Features a comprehensive overview of weather; humidity & precipitation; the water cycle; clouds & their formation; and the use of weather maps.*

34-6505 ..... \$20.95



## Math Posters Grades 5 - 9

Visual Overview of Key Math Concepts!

Each poster provides a detailed look at a core, standards-based topic. Laminated for years of use! 23" x 35"

### All About Fractions

**Equal Parts of a Whole**

- 2 equal parts: Halves
- 3 equal parts: Thirds
- 4 equal parts: Quarters
- 5 equal parts: Fifths
- 6 equal parts: Sixths
- 8 equal parts: Eighths
- 10 equal parts: Tenths
- 12 equal parts: Twelfths

**Equivalent Fractions**

Fractions that represent the same amount of a whole are called equivalent fractions.

**Fractions on a Number Line**

**Mixed Numbers**

1 1/2 One and one half tomatoes

**Adding Fractions**

$$\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$

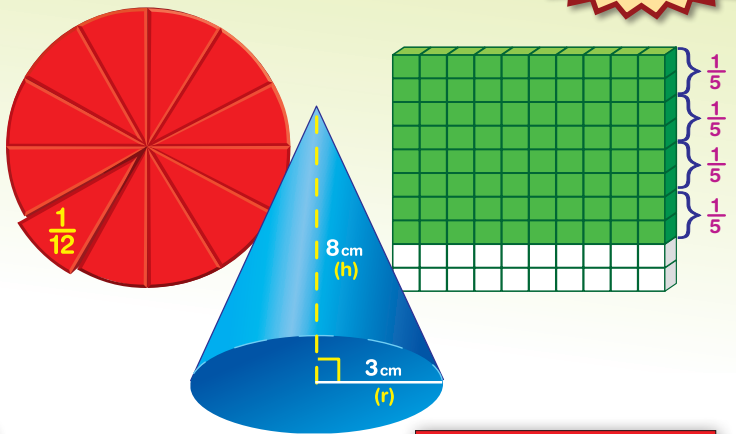
**Subtracting Fractions**

$$\frac{3}{8} - \frac{2}{8} = \frac{1}{8}$$

33-6101 ..... \$20.95

## All About Fractions Poster

A graphic overview of equal parts of a whole; equivalent fractions; fractions on a number line; mixed numbers; and adding & subtracting fractions.



### All About Decimals

## Poster

Comprehensive coverage of decimals & fractions; place value; ordering & comparing decimals; and adding & subtracting decimals.

33-6102 ..... \$20.95

### All About Decimals

Decimals & Fractions: Decimal numbers are another way of writing fractions or mixed numbers.

Base Blocks	Fraction	Decimal	Base Blocks	Fraction	Decimal
	7/10	0.7		78/100	0.78
	14/100	1.4		140/100	1.4

**Place Value**

**Ordering & Comparing Decimals**

**Adding Decimals**

$$2.74 + 1.52 = 4.26$$

**Subtracting Decimals**

$$2.74 - 1.52 = 1.22$$

33-6102 ..... \$20.95

### Area, Volume & Perimeter

## Poster

Features illustrated instruction on the formulas used to determine these key measurements along with graphic examples of calculating the area of a rectangle; perimeter of a plane; and the volume of a solid.

33-6103 ..... \$20.95

### Customary & Metric Units of Measure

**Customary Units**

**Metric Units**

**Length**

**Capacity**

**Weight**

**Temperature**

**Comparing Metric & Customary Measures**

33-6104 ..... \$20.95

## Customary & Metric Units of Measurement Poster

A detailed look at key customary and metric units to include length, capacity, weight and temperature.

### Ratio, Proportions & Percent

**Ratio**

**Proportion**

**Percent**

33-6105 ..... \$20.95

## Ratio, Proportion & Percent Poster

An illustrated overview of the key concepts of ratio, proportion and percent as well as the relationship between them.

### Finding Volume

## Poster

Provides a graphic representation of the formulas used to determine volume along with illustrated examples for prisms, cylinders, cones, spheres and pyramids.

33-6106 ..... \$20.95

### Finding Volume

**Volume of Prisms**

$$V = \ell \times w \times h$$

$$V = \frac{1}{2} \times \text{base} \times \text{height}$$

**Volume of Cylinders**

$$V = \pi r^2 h$$

**Volume of Cones**

$$V = \frac{1}{3} \pi r^2 h$$

**Volume of Spheres**

$$V = \frac{4}{3} \pi r^3$$

**Volume of Pyramids**

$$V = \frac{1}{3} B h$$

33-6106 ..... \$20.95

### The Pythagorean Theorem

## Poster

What is the Pythagorean Theorem? How is it applied to problem-solving? A detailed overview of this key geometric concept and its uses!

33-6107 ..... \$20.95

### The Pythagorean Theorem

A right triangle is a triangle with an angle of 90°. The two sides that form the right angle are called legs. The side opposite the right angle is the hypotenuse.

**Using the Pythagorean Theorem**

$$a^2 + b^2 = c^2$$

33-6107 ..... \$20.95