

# photographs

▶ **INSERT** *the Matter and Magnets DVD*

▼ **SELECT** *Visuals a la Carte*

▼ **SELECT** *Photographs*

<b>VISUAL</b>	<b>GO TO SCREEN</b>
Adult hand; baby hand	1
Adult woman	1
Baby	1
Bar magnet; field lines; magnetic field labeled	1
Bar magnet; north and south poles labeled	1
Bar magnet; rubber eraser; nonmagnetic labeled	1
Bar magnets; like poles repelling; repel labeled	1
Bar magnets; opposite poles; attract labeled	1
Botanist trimming plants in experimental crop	1
Chronometer	1
Color is an attribute	2
Compass; labeled	2
Dig site in Atapuerca, Spain	2
Elderly woman	2
Environmental scientist photographing an ecosystem	2
Geologist checking core samples	2
Giant bubble	2
Giant Palouse earthworm compared to typical worm	2
Graduated cylinder; close-up; meniscus labeled	2
Graduated cylinder; close-up; mLs highlighted	2
Graduated cylinder; labeled	3
Horseshoe magnet; north and south poles labeled	3
House and yard in all seasons; change labeled	3
House and yard in all seasons; constant labeled	3
How are magnets used every day?; examples	3
Ice; icicles; water as a solid	3
Magnetite holding paper clips; magnetic labeled	3

# Matter and Magnets

Visuals a la Carte • Alphabetical by Type

<b>VISUAL</b>	<b>GO TO SCREEN</b>
Magnetite; natural magnet labeled	3
Magnets in use; gurney attracted to MRI machine	3
Magnets in use; MRI images; labeled	3
Magnets in use; MRI images; unlabeled	4
Magnets in use; MRI machine	4
Magnets; man-made; labeled	4
Marine biologist with weedy sea dragon	4
Mass is an attribute	4
Mass; greatest to least; bean bag, mp3 player, cotton candy	4
Mass; greatest to least; golf ball, butter knife, balloon	4
Mass; greatest to least; water, popped corn, sugar	4
Millau Viaduct; world's tallest vehicular bridge	4
Orange juice in a glass	4
Paleontologists at work	5
Paleontologist's tools	5
Physicist at work using a mass spectrometer	5
Predicting mass; butter knife, golf ball, balloon	5
Predicting mass; mp3 player, bean bag, cotton candy	5
Predicting mass; water, popped popcorn, sugar	5
Research zoologist installing Song Meter	5
Ruler and measuring tape; close-up on units	5
Seasonal changes; house and yard in autumn	5
Seasonal changes; house and yard in spring	5
Seasonal changes; house and yard in summer	6
Seasonal changes; house and yard in winter	6
Shape is an attribute	6
Shiny nail; rusty nail	6
Size is an attribute	6
Song Meter installed on tree trunk	6
Sorting by attributes; familiar items; unsorted	6
Sorting by attributes; glass	6
Sorting by attributes; metallic	6

<b>VISUAL</b>	<b>GO TO SCREEN</b>
Sorting by attributes; rectangular	6
Sorting by attributes; soft	7
Sorting by attributes; spherical	7
Sorting by attributes; wood	7
Sorting by attributes; yellow	7
Steam kettle; invisible water vapor labeled	7
Texture is an attribute	7
Thermometer; freezing point; close-up	7
Thermometers	7
Three clear containers of different shapes	7
Toy building bricks	7
World's biggest tree, General Sherman	8
World's fastest human, Usain Bolt	8
World's largest cheese wheel	8
World's largest swimming pool	8
World's smallest horse, Thumbelina	8
World's smallest teddy bear	8
Zoologist digging for giant earthworms	8

# illustrations/ diagrams

► **INSERT** *the Matter and Magnets DVD*

▼ **SELECT** *Visuals a la Carte*

▼ **SELECT** *Illustrations/Diagrams*

<b>VISUAL</b>	<b>GO TO SCREEN</b>
Earth as a magnet; magnetic field lines surround	1
Magnets in use; cow magnet; diagram of cow	1
Mass is an attribute of matter	1
Mass is the amount of matter an object has	1
Mass... More or Less; title	1
Matter has attributes	1
Matter has mass and takes up space	1
Sorting by attributes; title	1
T chart: How are magnets used?; blank	1
T chart: How are magnets used?; home and school	1
T chart: How are magnets used?; home uses	2
Venn diagram; man-made magnets	2
Venn diagram; man-made, natural magnets; blank	2
Venn diagram; natural magnets	2
Venn; man-made, natural magnets; completed	2

# video bites

▶ **INSERT** *the Matter and Magnets DVD*

▼ **SELECT** *Visuals a la Carte*

▼ **SELECT** *Video Bites*

<b>VISUAL</b>	<b>GO TO SCREEN</b>
Adding two different quantities of liquid	1
Bar magnet picking up paper clips	1
Bar magnets influence compass needles	1
Bar magnets; like poles repelling	1
Bar magnets; opposite poles attracting	1
Burning paper	1
Changes in matter	1
Cloud developing; time lapse	1
Comparing mass; butter knife, golf ball, balloon	1
Comparing mass; mp3 player, bean bag, cotton candy	1
Comparing mass; water, popped popcorn, sugar	2
Cutting paper dolls	2
Earth's magnetic north pole influences compass	2
Gases; uses	2
Hand lens; magnifying a leaf	2
Heat energy	2
Ice melting; time lapse	2
Iron filings revealing magnetic field of bar magnet	2
Liquids; uses	2
Magnetite picking up paper clips	2
Magnets in use; credit card magnetic strip	3
Magnets in use; doorbell	3
Magnets in use; maglev train	3
Magnets in use; magnetic scrap handler	3
Measuring volume; graduated cylinder; container 1	3
Measuring volume; graduated cylinder; container 2	3
Measuring volume; graduated cylinder; container 3	3
Melting; time lapse	3

<b>VISUAL</b>	<b>GO TO SCREEN</b>
Pan balance in action	3
Physical changes	3
Puddle evaporating leaving a chalk outline behind	4
Puddle evaporating; time lapse	4
Steam kettle whistling; water as a gas	4
Video Activity: Will it Stick?	4
Water being poured; water as a liquid	4
Water freezing; time lapse	4
Water vapor condensing on a spoon	4
Water vapor; labeled	4

# animations

► **INSERT** *the Matter and Magnets DVD*

▼ **SELECT** *Visuals a la Carte*

▼ **SELECT** *Animations*

<b>VISUAL</b>	<b>GO TO SCREEN</b>
Magnets in use; stereo speakers	1
Water cycle	1