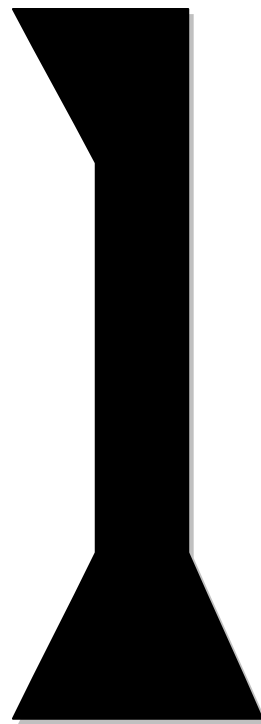


READING INTERVENTION PROGRAM

**SCIENCE
VOCABULARY**

LESSON



-ER, -OR, -AR

SCIENCE WORD SORT, LESSON 1

riv er	me te or	mo tor	cra ter
so lar	po lar	gla cier	mat ter
har bor	lu nar	pow er	wea ther
e qua tor	mus cu lar	pre da tor	
cal en dar	gen er a tor	ra dar	

● Write each word under the correct spelling. (Write each word as one word.)

-er

-or

-ar

<u>river</u>		

SCIENCE VOCABULARY STUDY 1, LESSON 1

PART 1

● Write a definition for each word.

1. river _____
2. power _____
3. glacier _____
4. crater _____
5. matter _____
6. weather _____
7. calendar _____
8. lunar _____
9. solar _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

SCIENCE VOCABULARY STUDY 2, LESSON 1

PART 1

● Write a definition for each word.

1. muscular _____
2. radar _____
3. polar _____
4. equator _____
5. harbor _____
6. motor _____
7. generator _____
8. meteor _____
9. predator _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

EXTRA CREDIT VOCABULARY WORDS: carnivore, herbivore, and omnivore

SCIENCE VOCABULARY DEFINITIONS, LESSON 1

-ER

crater - a hole that has the shape of a bowl; the mouth of a volcano (*craters on the moon*)

glacier - a slow-moving river of ice and snow (*Are icebergs formed from glaciers?*)

matter - what all things are made of; anything that takes up space (*made of solid matter*)

power - force or energy that can be put to work (*electric power, gas power, or muscle power*)

river - a large natural stream of water flowing into an ocean, a lake, or another stream (*river erosion*)

weather - the temperature or conditions outside; wind, rain, sunshine, or snow (*cold weather*)

-AR

calendar - a chart showing the months, weeks, and days of the year (*an electronic calendar*)

lunar - relating to the moon (*a lunar spacecraft*)

muscular - strong; having firm, strong muscles (*muscular biceps*)

polar - relating to or near the North Pole or the South Pole (*a polar bear*)

radar - a system that uses radio waves to find out the position of something one cannot see (*aircraft sighted on the radar screen*)

solar - relating to or involving the sun (*solar energy*)

-OR

equator - the imaginary line around the middle of the earth that divides it into equal parts, north and south (*near the equator*)

generator - a machine that produces electricity (*an electric generator*)

harbor - an area of water which is sheltered from rough waters so that ships are safe inside it (*a safe harbor*)

meteor - a small, fiery solid body traveling through the earth's air (*A shooting star is a meteor.*)

motor - a machine that produces motion or power for doing work (*an electric motor or a gas motor*)

predator - an animal, such as a lion or shark, that hunts another animal for food (*Sharks are powerful predators.*)

RAPID WORD READING, LESSON 1

PART 1 ● Make an arc under each syllable.

mat ter pow er riv er matter power river matter power river matter

wea ther cra ter gla cier weather crater glacier weather crater glacier

mo tor har bor me te or motor harbor meteor motor harbor meteor

e qua tor gen er a tor pre da tor equator generator predator equator

so lar po lar lu nar solar polar lunar solar polar lunar solar polar

cal en dar mus cu lar ra dar calendar muscular radar calendar

PART 2 ● Read the words. ● Write the number correct and the time.

RAPID WORD READING CARD, LESSON 1

matter

power

river

weather

crater

glacier

motor

harbor

meteor

equator

generator

predator

solar

polar

lunar

calendar

muscular

radar

BONUS WORDS

carnivore

herbivore

omnivore

NUMBER CORRECT _____ **TIME** _____

SPEED READING, LESSON 1

→
a polar bear
cold weather
solar energy
river erosion
muscle power
muscular biceps
near the equator

16

an electric motor
a lunar spacecraft
craters on the moon
made of solid matter
an electric generator
an electronic calendar

36

A shooting star is a meteor.

Sharks are powerful predators.

Are icebergs formed from glaciers?

Aircraft were sighted on the radar screen.

A herbivore feeds on plants.

A carnivore feeds on other animals.

An omnivore feeds on plants and animals.

76

TIMED READING 1, ORAL READING, NUMBER OF WORDS _____ **TIME** _____

TIMED READING 2, SILENT READING, NUMBER OF WORDS _____ **TIME** _____

SPELLING TEST, LESSON 1

1. ___ ___ / ___ ar

2. ___ ___ / ___ ar

3. ___ ___ / ___ ar

4. ___ ___ / ___ or

5. ___ ___ ___ / ___ or

6. ___ ___ / ___ ___ / or

7. ___ ___ ___ / er

8. ___ ___ ___ / ___ er

9. ___ ___ ___ / er

10. ___ ___ ___ / ___ ___ er

BONUS WORDS

NUMBER CORRECT _____

SCIENCE VOCABULARY TESTS, LESSON 1

- Write the word for the definition.

TEST ONE

lunar	river	matter	weather	
glacier	power	solar	crater	calendar

1. _____ a slow-moving river of ice and snow
2. _____ a hole that has the shape of a bowl
3. _____ what all things are made of; anything that takes up space
4. _____ relating to the moon
5. _____ a large natural stream of water flowing into an ocean, a lake, or another stream
6. _____ relating to or involving the sun
7. _____ force or energy that can be put to work
8. _____ the temperature or conditions outside
9. _____ a chart showing the months, weeks, and days of the year

TEST TWO

radar	meteor	predator	polar	
harbor	muscular	equator	motor	generator

1. _____ strong; having firm, strong muscles
2. _____ relating to or near the North Pole or South Pole
3. _____ a small, fiery, solid body traveling through the earth's air
4. _____ an animal, such as a lion or shark, that hunts another animal for food
5. _____ an area of water which is sheltered from rough waters so that ships are safe inside it
6. _____ a machine that produces motion or power for doing work
7. _____ a system that uses radio waves to find out the position of something one cannot see
8. _____ the imaginary line around the middle of the earth that divides it into equal parts, north and south
9. _____ a machine that produces electricity

EXTRA CREDIT VOCABULARY WORDS: carnivore, herbivore, and omnivore

SCIENCE WORD SEARCH 1

d b q x m g e n e r a t o r q
q a x q l m t r a d n e l a c
u l h b g c o l o h r v v l j
i x h w s v u r a v e x s s c
e s v w i c e r o v i n m o j
c p l n s w b e a t c b r q g
t r r u m o d h l v a a r v e
n a m e r e t t a m l u x e c
c n q e d r t a r o g q q w h
h u e g q a o e p t q e r e g
p l y a q d t w o o z s e m y
j g q f r a l o s r w g g p s
a h j o r r n u r i v e r o e
e b o c k o e t p n o g r z x

How many of the words can you find in the puzzle?

calendar

carnivore

crater

equator

generator

glacier

harbor

herbivore

lunar

matter

meteor

motor

muscular

omnivore

polar

power

predator

radar

river

solar

weather

READING INTERVENTION PROGRAM

**SCIENCE
VOCABULARY**

LESSON

2

-ER, -URE, -TURE

SCIENCE WORD SORT, LESSON 2

com pu ter	na ture	con su mer	mea sure
mois ture	pres sure	nur ture	shel ter
fig ure	dis cov er	trea sure	fail ure
pro du cer	ag ri cul ture	tem per a ture	
ex po sure	ther mom e ter	man u fac ture	

● Write each word under the correct spelling. (Write each word as one word.)

-er

-ture

-ure

computer <u>er</u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SCIENCE VOCABULARY STUDY 1, **LESSON 2**

PART 1

● Write a definition for each word.

1. computer _____
2. discover _____
3. consumer _____
4. producer _____
5. thermometer _____
6. shelter _____
7. nature _____
8. nurture _____
9. temperature _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

SCIENCE VOCABULARY STUDY 2, **LESSON 2**

PART 1

● Write a definition for each word.

1. moisture _____
2. agriculture _____
3. manufacture _____
4. treasure _____
5. measure _____
6. pressure _____
7. figure _____
8. failure _____
9. exposure _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

EXTRA CREDIT VOCABULARY WORDS: barometer, cylinder, and architecture

SCIENCE VOCABULARY DEFINITIONS, LESSON 2

-ER

computer - an electronic device that stores and manipulates information (*a laptop computer*)

consumer - a living thing that eats other living things; a person who buys and uses goods and services (*Is a lion a consumer?*)

discover - to find something not known before (*discovered electricity*)

producer - a living thing, such as a plant, that makes its own food; a person or company that produce goods, foods, or materials (*a food producer*)

shelter - something that provides cover or protection, as from the weather (*shelter from the storm*)

thermometer – an instrument for measuring temperature (*thermometer and temperature*)

-URE

exposure - sensitive to the elements, heat, cold, wind, or rain (*exposure to the elements*)

failure - lack of success (*The experiment was a failure.*)

figure - form, shape, or outline; to be round, square, and so forth (*a figure with eight sides*)

measure - to find out size, length, or amount of something (*to measure air pressure*)

pressure - the force exerted on a given area (*A barometer measures atmospheric pressure.*)

treasure - money and jewels collected and stored (*undiscovered treasure*)

-TURE

agriculture - the art or practice of farming, especially of growing crops (*agriculture and food*)

manufacture - the making of goods by manual labor or machinery, especially on a large scale (*automobile manufacturing*)

moisture - wetness in the form of mist or steam (*moisture and condensation*)

nature - everything that exists in the world without human beings, such as lakes and trees (*enjoys nature*)

nurture - to give care and food to (*to nurture a baby*)

temperature - the degree of hotness or coldness (*temperature; Celsius and Fahrenheit*)

RAPID WORD READING, LESSON 2

PART 1 ● Make an arc under each syllable.

com pu ter con su mer pro du cer computer consumer producer computer
shel ter dis cov er ther mom e ter shelter discover thermometer shelter

mea sure trea sure pres sure measure treasure pressure measure

fig ure fail ure ex po sure figure failure exposure figure failure exposure

na ture nur ture tem per a ture nature nurture temperature nature nurture

mois ture man u fac ture ag ri cul ture moisture manufacture agriculture

PART 2 ● Read the words. ● Write the number correct and the time.

RAPID WORD READING CARD, LESSON 2

computer

consumer

producer

shelter

discover

thermometer

measure

treasure

pressure

figure

failure

exposure

nature

nurture

temperature

moisture

manufacture

agriculture

BONUS WORDS

cylinder

barometer

architecture

NUMBER CORRECT ___ **TIME** _____

SPEED READING, LESSON 2

enjoys nature
to nurture a baby
a laptop computer
agriculture and food
discovered electricity
undiscovered treasure
shelter from the storm

20

to measure air pressure
a figure with eight sides
exposure to the elements
automobile manufacturing
architecture and buildings
moisture and condensation
thermometer and temperature

44

Is a lion a consumer?
The experiment was a failure.
The basketball is in the cylinder.
A barometer measures atmospheric pressure.
Temperature is measured in *Celsius* and *Fahrenheit*.

72

TIMED READING 1, ORAL READING, NUMBER OF WORDS _____ TIME _____

TIMED READING 2, SILENT READING, NUMBER OF WORDS _____ TIME _____

SPELLING TEST, LESSON 2

1. ___ ___ / ture
2. ___ ___ ___ / ture
3. ___ ___ ___ ___ / ture
4. ___ ___ ___ / ___ / ___ ___ ___ / ture
5. ___ ___ ___ / ure
6. ___ ___ ___ ___ / ure
7. ___ ___ / ___ ___ / sure
8. ___ ___ ___ / ___ ___ / ___ er
9. ___ ___ ___ / ___ ___ ___ er
10. ___ ___ ___ / ___ ___ / ___ er

BONUS WORDS

NUMBER CORRECT ____

SCIENCE VOCABULARY TESTS, LESSON 2

- Write the word for the definition.

TEST ONE

discover	consumer	producer	computer	
thermometer	nature	nurture	shelter	temperature

1. _____ to find something not known before
2. _____ to give care and food to
3. _____ an instrument for measuring temperature
4. _____ something that provides cover or protection, as from the weather
5. _____ the degree of hotness or coldness
6. _____ everything that exists in the world without human beings, such as lakes and trees
7. _____ a living thing that eats other living things; a person who buys and uses goods and services
8. _____ a living thing, such as a plant, that makes its own food; a person or company that produces goods, foods, and materials
9. _____ an electronic device that stores and manipulates information

TEST TWO

agriculture	manufacture	treasure	moisture	
measure	pressure	figure	failure	exposure

1. _____ lack of success
2. _____ sensitivity to the elements, heat, cold, wind, or rain
3. _____ to find out size, length, amount, and so forth
4. _____ the force exerted on a given area
5. _____ money and jewels collected and stored
6. _____ form, shape, or outline; to be round, square, and so forth
7. _____ wetness in the form of mist or steam
8. _____ the making of goods by manual labor or machinery, especially on a large scale
9. _____ the art or practice of farming, especially of growing crops

EXTRA CREDIT VOCABULARY WORDS: barometer, cylinder, and architecture

SCIENCE WORD SEARCH 2

e r u s a e r t v t e m s r z
r r e v o c s i d x c e h h w
u e u f q o j z p e u r e k b
t t r t w m u o u r c u l a z
c e e n l p s w l u e t t g j
e m m a n u f a c t u r e f m
t o u p r t c m e a s u r e y
i m s e e e y i p n f n u n h
h r n r d r b a r o m e t e r
c e o u n u a z o g a g s c e
r h c l i s k t d i a g i g f
a t h i l s e r u g i f o h z
v y e a y e g r c r k u m x y
f z b f c r o w e d e j x q a
q k y d r p a p r n l l z h o

How many of the words can you find in the puzzle?

agriculture
architecture
barometer
computer
consumer
cylinder
discover

exposure
failure
figure
manufacture
measure
moisture
nature

nurture
pressure
producer
shelter
temperature
thermometer
treasure

READING INTERVENTION PROGRAM

**SCIENCE
VOCABULARY**

LESSON

3

-MENT, -ENT, -ANT

SCIENCE WORD SORT, LESSON 3

treat ment	sed i ment	gi ant	in gre di ent
ex per i ment	dor mant	cur rent	dom i nant
dis tant	nu tri ent	con ti nent	a bun dant
mea sure ment	in de pen dent	en vi ron ment	
in hab i tant	trans par ent	nour ish ment	

● Write each word under the correct spelling. (Write each word as one word.)

-ment

-ent

-ant

treat<u>ment</u> _____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SCIENCE VOCABULARY STUDY 1, **LESSON 3**

PART 1

● Write a definition for each word.

1. treatment _____
2. experiment _____
3. measurement _____
4. environment _____
5. sediment _____
6. nourishment _____
7. nutrient _____
8. ingredient _____
9. transparent _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

SCIENCE VOCABULARY STUDY 2, **LESSON 3**

PART 1

● Write a definition for each word.

1. independent _____
2. continent _____
3. ancient _____
4. distant _____
5. giant _____
6. abundant _____
7. dominant _____
8. dormant _____
9. inhabitant _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

EXTRA CREDIT VOCABULARY WORDS: intelligent, absorbent, and disinfectant

SCIENCE VOCABULARY DEFINITIONS, LESSON 3

-MENT

environment - the things around one; the natural or social conditions in which people live
(*pollutes the environment*)

experiment - a trial made to learn something or to prove the truth (*the effects of the experiment*)

measurement - the act of finding the size, length, and height of something (*my waist measurement*)

nourishment - something that provides the things needed for life and growth; water, sunlight, and food (*Food provides nourishment.*)

sediment - solid material that settles to the bottom of a liquid, such as sand in water (*The sediment settled to the bottom.*)

treatment - something that is done to help one who is injured, ill, helpless, or weak
(*kind treatment of animals*)

-ENT

ancient - in or of times long ago (*ancient history*)

continent - one of the seven main large land masses on the earth (*North America, South America, Europe, Africa, Asia, Australia, and Antarctica are continents.*)

independent - not ruled or controlled by another; not depending on another (*dependent and independent*)

ingredient - one of a mixture of things from which something is made (*Sugar is a basic ingredient of most candy.*)

nutrient - a substance which all living things need to grow; protein, mineral, and vitamin
(*Proteins, vitamins, and minerals are nutrients.*)

transparent - so clear that objects on the other side can be easily seen (*transparent glass windows*)

-ANT

abundant - more than enough; plenty (*an abundant apple crop*)

distant - not very close; far off (*a distant star*)

dominant - having the most important place or position (*Are brown eyes dominant over blue?*)

dormant - not active, such as animals sleeping for the winter (*dormant plants and animals*)

giant - very large; huge (*giant redwood trees*)

inhabitant - a person who lives in a particular place (*an inhabitant of a large city*)

RAPID WORD READING, LESSON 3

PART 1 ● Make an arc under each syllable.

treat ment sed i ment ex per i ment treatment sediment experiment

en vir on ment mea sure ment nour ish ment environment measurement

con ti nent in de pen dent nu tri ent continent independent nutrient

in gre di ent an cient trans par ent ingredient ancient transparent

gi ant dis tant dor mant giant distant dormant giant distant dormant

dom i nant a bun dant in hab i tant dominant abundant inhabitant

PART 2 ● Read the words. ● Write the number correct and the time.

RAPID WORD READING CARD, LESSON 3

treatment

sediment

experiment

environment

measurement

nourishment

continent

independent

nutrient

ingredient

ancient

transparent

giant

distant

dormant

dominant

abundant

inhabitant

BONUS WORDS

independent – independence

intelligent - intelligence

distant-distance

dominant-dominance

abundant - abundance

absorbent

disinfectant

NUMBER CORRECT _____ **TIME** _____

SPEED READING, LESSON 3



a distant star

ancient history

seven continents

giant redwood trees

a strong disinfectant

an absorbent sponge

my waist measurement

19

an abundant apple crop

pollutes the environment

kind treatment of animals

transparent glass windows

an inhabitant of a large city

dependent and independent

dormant plants and animals

the effects of the experiment

51

Humans are intelligent

Food provides nourishment.

The sediment settled to the bottom.

Are brown eyes dominant over blue?

Sugar is a basic ingredient of most candy.

Proteins, vitamins, and minerals are nutrients.

82

TIMED READING 1, ORAL READING, NUMBER OF WORDS _____ TIME _____

TIMED READING 2, SILENT READING, NUMBER OF WORDS _____ TIME _____

SPELLING TEST, LESSON 3

1. _____ / ment
2. _____ / ____ / ment
3. _____ / _____ / ____ / ment
4. _____ / _____ / ment
5. _____ / _____ / nent
6. _____ / _____ / ent
7. _____ / _____ / _____ / dent
8. _____ / tant
9. _____ / mant
10. ____ / _____ / dant

BONUS WORDS

NUMBER CORRECT _____

SCIENCE VOCABULARY TESTS, LESSON 3

- Write the word for the definition.

TEST ONE

experiment	measurement	environment	treatment	
nutrient	sediment	nourishment	ingredient	transparent

1. _____ something that is done to help someone who is injured or ill
2. _____ the act of finding the size, length, and height of something
3. _____ a substance, which all living things need to grow; protein, mineral, and vitamin
4. _____ a trial made to learn something or to prove the truth
5. _____ solid material that settles to the bottom of a liquid, such as sand in water
6. _____ the things around one; the natural or social conditions in which people live
7. _____ something that provides the things needed for life and growth; water, sunlight, and food
8. _____ one of a mixture of things from which something is made
9. _____ so clear that objects on the other side can be easily seen

TEST TWO

independent	ancient	distant	continent	
abundant	dominant	dormant	giant	inhabitant

1. _____ more than enough; plenty
2. _____ in or of times long ago
3. _____ not active, such as animals sleeping for the winter
4. _____ having the most important place or position
5. _____ not very close; far off
6. _____ one of the seven main large land masses on the earth (North America, South America, Europe, Africa, Asia, Australia, and Antarctica are continents.)
7. _____ very large; huge
8. _____ not ruled or controlled by another; not depending on another
9. _____ a person who lives in a particular place

EXTRA CREDIT VOCABULARY WORDS: intelligent, absorbent, and disinfectant

SCIENCE WORD SEARCH 3

d i s t a n t d k m e t k d
w i n t e l l i g e n t d o
g k y d j z o f z a v n v r
a n c i e n t e t s i e p m
t g n n t p n c n u r b q a
n b o u r y e o e r o r d n
a t u t a f m n i e n o a t
n n r r n n i t d m m s b c
i e i i s d r i e e e b u u
m m s e p l e n r n n a n v
o i h n a y p e g t t t d x
d d m t r p x n n i e k a d
d e e t e h e t i d a a n b
n s n i n h a b i t a n t y
b y t z t r e a t m e n t h

How many of the words can you find in the puzzle?

absorbent

abundant

ancient

continent

disinfectant

distant

dominant

dormant

environment

experiment

giant

independent

ingredient

inhabitant

intelligent

measurement

nourishment

nutrient

sediment

transparent

treatment

READING INTERVENTION PROGRAM

**SCIENCE
VOCABULARY**

LESSON

4

-ON, -IC, -AGE

SCIENCE WORD SORT, LESSON 4

skel e ton	plank ton	or gan ic	neur on
for age	ge net ic	stor age	volt age
voy age	in or gan ic	poi son	hor i zon
ad van tage	oc ta gon	sci en tif ic	
ap pen dage	ge o graph ic	at mos pher ic	

● Write each word under the correct spelling. (Write each word as one word.)

-on

-age

-ic

<u>skeleton</u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SCIENCE VOCABULARY STUDY 1, **LESSON 4**

PART 1

● Write a definition for each word.

1. skeleton _____
2. neuron _____
3. horizon _____
4. octagon _____
5. poison _____
6. plankton _____
7. forage _____
8. appendage _____
9. advantage _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

SCIENCE VOCABULARY STUDY 2, **LESSON 4**

PART 1

● Write a definition for each word.

1. storage _____
2. voltage _____
3. voyage _____
4. geographic _____
5. atmospheric _____
6. organic _____
7. inorganic _____
8. genetic _____
9. scientific _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

EXTRA CREDIT VOCABULARY WORDS: transatlantic, exoskeleton and endoskeleton

SCIENCE VOCABULARY DEFINITIONS, LESSON 4

-ON

horizon - where the sky seems to meet the earth or sea (*a ship appearing on the horizon*)

neuron - a nerve cell (*a network of neurons*)

octagon - a flat figure with eight sides and eight angles (*An octagon has eight sides.*)

plankton - tiny plant and animal life living in water; food for fish and ocean mammals
(*Some whales feed on tiny plankton.*)

poison - a substance that can harm or kill a living plant or animal (*poison ivy, poisonous snakes*)

skeleton - the framework of bones in a human or animal body (*The human skeleton has 212 bones.*)

-AGE

advantage - that which helps one be successful or gain a good result (*the taller basketball player's advantage*)

appendage - something added to, joined to, or hanging from something larger (*A tree's branch or a dog's tail is an appendage.*)

forage - to wander around looking for food (*animals foraging for food*)

storage - keeping things somewhere for future use (*A refrigerator is for food storage.*)

voltage - electrical force measured in volts (*a voltage meter*)

voyage - a long journey made by boat or ship (*an ocean voyage*)

-IC

atmospheric - of or related to the air surrounding the earth (*atmospheric pressure or air pressure*)

organic - of living things; food grown without help from chemical fertilizers (*organic food*)

inorganic - relating to things without life (*Rocks and minerals are inorganic.*)

geographic - having to do with the study of the countries of the world and places on the earth's surface, such as mountains, rivers, seas, and cities (*geographic locations*)

genetic - of or concerning genes; the development of qualities in a living thing which have been passed on or inherited from its parents (*genetic differences*)

scientific - of, being, or concerning science; showing exact knowledge of science (*a scientific approach*)

RAPID WORD READING, LESSON 4

PART 1 ● Make an arc under each syllable.

or gan ic in or gan ic ge o graph ic organic inorganic geographic organic

ge net ic sci en tif ic at mos pher ic genetic scientific atmospheric genetic

poi son plank ton skel e ton poison plankton skeleton poison plankton

neur on oc ta gon hor i zon neuron octagon horizon neuron octagon

volt age voy age ap pen dage voltage voyage appendage voltage

ad van tage for age stor age advantage forage storage advantage

PART 2 ● Read the words. ● Write the number correct and the time.

RAPID WORD READING CARD, LESSON 4

organic

inorganic

geographic

genetic

scientific

atmospheric

poison

plankton

skeleton

neuron

octagon

horizon

voltage

voyage

appendage

advantage

forage

storage

BONUS WORDS

transatlantic

endoskeleton

exoskeleton

NUMBER CORRECT _____ **TIME** _____

SPEED READING, LESSON 4

organic food
tiny plankton
a voltage meter
an ocean voyage
genetic differences
a transatlantic flight
geographic locations
a scientific approach
a network of neurons
animals foraging for food
poison ivy, poisonous snakes
a ship appearing on the horizon
atmospheric pressure or air pressure
the taller basketball player's advantage

15

48

An octagon has eight sides.
A refrigerator is for food storage.
Rocks and minerals are inorganic.
The human skeleton has 212 bones.
An outer skeleton is an exoskeleton.
An inner skeleton is an endoskeleton.
A tree's branch or a dog's tail is an appendage.

92

TIMED READING 1, ORAL READING, NUMBER OF WORDS _____ **TIME** _____

TIMED READING 1, SILENT READING, NUMBER OF WORDS _____ **TIME** _____

SPELLING TEST, LESSON 4

1. ___ ___ ___ / age

2. ___ ___ ___ ___ / age

3. ___ ___ ___ ___ / age

4. ___ ___ ___ / ___ on

5. ___ ___ ___ / ___ / ___ on

6. ___ ___ ___ ___ / ___ / ___ on

7. ___ ___ / ___ ___ ___ / ic

8. ___ ___ / ___ ___ / ___ ___ ___ / ic

9. ___ ___ / ___ ___ ___ / ic

10. ___ ___ ___ / ___ ___ / ___ ___ ___ / ic

BONUS WORDS

NUMBER CORRECT ____

SCIENCE VOCABULARY TESTS, LESSON 4

- Write the word for the definition.

TEST ONE

neuron	octagon	skeleton	horizon	
plankton	poison	forage	appendage	advantage

1. _____ the framework of bones in a human or animal body
2. _____ tiny plant and animal life living in water
3. _____ a flat figure with eight sides and eight angles
4. _____ something added to, joined to, or hanging from something larger
5. _____ that which helps one be successful or gain a good result
6. _____ to wander around looking for food
7. _____ where the sky seems to meet the earth or sea
8. _____ a nerve cell
9. _____ a substance that can harm or kill a living plant or animal

TEST TWO

voltage	geographic	storage	voyage	
atmospheric	scientific	inorganic	organic	genetic

1. _____ keeping things somewhere for future use
2. _____ a measure of electrical force
3. _____ a long journey made by boat or ship
4. _____ of or related to the air surrounding the earth
5. _____ of living things; food grown without the help of chemical fertilizers
6. _____ relating to things without life
7. _____ having to do with the study of the countries of the world and places on the earth's surface, such as mountains, rivers, seas, and cities
8. _____ the development of qualities in a living thing which have been passed on or inherited from its parents
9. _____ of, being, or concerning science; showing exact knowledge of science

EXTRA CREDIT VOCABULARY WORDS: transatlantic, exoskeleton and endoskeleton

SCIENCE WORD SEARCH 4

p x n c i r e h p s o m t a j
l n v t q p f a c i i r h y y
a d o i a o o i i c a q p p c
n g y j r d e i r n p d e t h
k e a a l n v o s l p g g g s
t n g h t t s a e o e r a i o
o e e i g c t v n h n t t z k
n t f e o l e u h t d u l q t
c i h p a r g o e g a r o t s
c c i n a g r o n i g g v n n
p c t g o i o n o t e l e k s
y i e v z l o m e s t u y z i
c z l o c t a g o n r b v k t
p l n r m h b i z o q j g y v
t s i n r j c f n u r z u r j

How many of the words can you find in the puzzle?

advantage
appendage
atmospheric
forage
genetic
geographic
horizon

inorganic
leverage
microscopic
neuron
octagon
organic
plankton

poison
scientific
skeleton
storage
transatlantic
voltage
voyage

READING INTERVENTION PROGRAM

**SCIENCE
VOCABULARY**

LESSON

5

-ATE, -TION, -SION

SCIENCE WORD SORT, LESSON 5

mi grate	vi sion	vi bra tion	di vi sion
pri mate	tel e vi sion	e ro sion	hi ber nate
cir cu late	ex plo sion	con stel la tion	dif fu sion
pop u la tion	e vap o ra tion	ger mi nate	
com mu ni ca tion	in ves ti gate	pre cip i ta tion	

● Write each word under the correct spelling. (Write each word as one word.)

-ate

-tion

-sion

<u>migrate</u>		
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SCIENCE VOCABULARY STUDY 1, **LESSON 5**

PART 1

• Write a definition for each word.

1. vision _____
2. television _____
3. erosion _____
4. explosion _____
5. diffusion _____
6. division _____
7. primate _____
8. migrate _____
9. hibernate _____



PART 2

WORD PICTURES

• Choose four interesting words from Part 1, above, and draw a picture for each word.

• On the back of this page, write a sentence about each picture.

SCIENCE VOCABULARY STUDY 2, **LESSON 5**

PART 1

• Write a definition for each word.

1. germinate _____
2. circulate _____
3. investigate _____
4. population _____
5. communication _____
6. precipitation _____
7. evaporation _____
8. vibration _____
9. constellation _____



PART 2

WORD PICTURES

• Choose four interesting words from Part 1, above, and draw a picture for each word.

• On the back of this page, write a sentence about each picture.

EXTRA CREDIT VOCABULARY WORDS: climate, vertebrate, and invertebrate

SCIENCE VOCABULARY DEFINITIONS, LESSON 5

-SION

vision - the ability to see; sight (*excellent vision*)

division - how many times one number is contained in another (10 divided by 2 = 5); something that divides or separates (*cell division*)

television - a complex device for receiving pictures and sound (*a plasma television*)

erosion - to cause to wear or rub away slowly (*the erosion of soil by water and wind*)

explosion - an act of blowing up or bursting; exploding (*a population explosion*)

diffusion - a spreading out in all directions; to scatter widely (*diffusion of light and heat*)

-ATE

circulate - to move or flow along a closed path (*blood circulating through the body*)

germinate - to cause a seed to start growing; sprouting (*Seeds germinate to become flowers.*)

hibernate - to spend the winter in a kind of sleep (*Some bears hibernate in the winter.*)

investigate - to search into so as to learn the facts (*investigating the accident*)

migrate - to move from one place or country to another (*birds migrating south for the winter*)

primate - members of the animal order that include human beings, apes, and monkeys (*humans and primates*)

-ATION

communication - the act of exchanging information (*communication by telephone*)

constellation - a group of stars usually named for what its outline resembles (*Can you name a constellation?*)

evaporation - the act of evaporating, to change into steam and disappear (*a water puddle evaporating in the sun*)

population - all of the people living in a country, a state, a city, or another place (*the population of California*)

precipitation - rain, snow, and sleet (*Rain, snow, and sleet, are forms of precipitation.*)

vibration - a rapid back and forth motion (*the engine vibration .*)

RAPID WORD READING. LESSON 5

PART 1 ● Make an arc under each syllable.

vi sion di vi sion tel e vi sion vision division television vision division
e ro sion ex plo sion dif fu sion erosion explosion diffusion erosion

mi grate pri mate cir cu late migrate primate circulate migrate primate
hi ber nate ger mi nate in ves tigate hibernate germinate investigate

vi bra tion popu la tion com mu ni ca tion vibration population communication
e vap or a tion pre cip i ta tion con stel la tion evaporation precipitation

PART 2 ● Read the words. ● Write the number correct and the time.

RAPID WORD READING CARD, LESSON 5

vision	division	television
erosion	explosion	diffusion
migrate	primate	circulate
hibernate	germinate	investigate
vibration	population	communication
evaporation	precipitation	constellation
migrate - migration	circulate - circulation	
hibernate - hibernation	investigate - investigation	

BONUS WORDS

climate vertebrate invertebrate

CORRECT _____ **TIME** _____

SPEED READING, LESSON 5



cell division

excellent vision

a plasma television

weather and climate

humans and primates

a population explosion

diffusion of light and heat

21

investigating the accident

the vibration of the engine

the population of California

communication by telephone

blood circulating through the body

birds migrating south for the winter

the erosion of soil by water and wind

a water puddle evaporating in the sun

62

Can you name one constellation?

Some bears hibernate in the winter.

Seeds germinate to become flowers.

Rain, snow, and sleet, are forms of precipitation.

Vertebrates are animals with backbones or spinal columns.

Invertebrates are animals without backbones or spinal columns.

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TIMED READING 1, ORAL READING, NUMBER OF WORDS _____ TIME _____

TIMED READING 1, SILENT READING, NUMBER OF WORDS _____ TIME _____

SPELLING TEST, LESSON 5

1. ___ ___ ___ / ___ ate

2. ___ ___ / ___ ___ ate

3. ___ ___ ___ / ___ ___ / ___ ate

4. ___ ___ ___ / ___ / ___ ___ / tion

5. ___ ___ / ___ ___ ___ / tion

6. ___ ___ ___ / ___ ___ ___ / ___ / ___ ___ / tion

7. ___ ___ / sion

8. ___ ___ ___ / ___ / ___ ___ / sion

9. ___ ___ / ___ ___ ___ / sion

10. ___ / ___ ___ / sion

BONUS WORDS

NUMBER CORRECT ____

SCIENCE VOCABULARY TESTS, LESSON 5

- Write the word for the definition.

TEST ONE

vision	television	erosion	explosion	
diffusion	division	primate	migrate	hibernate

1. _____ to spend the winter in a kind of sleep
2. _____ to move from one place or country to another
3. _____ the ability to see; sight
4. _____ a complex device for receiving pictures and sound
5. _____ how many times one number is contained in another
6. _____ to cause to wear or rub away slowly
7. _____ an act of blowing up or bursting
8. _____ a spreading out in all directions; scatter widely
9. _____ members of the animal order that include human beings, apes, and monkeys

TEST TWO

germinate	circulate	investigate	communication	
population	precipitation	evaporation	vibration	constellation

1. _____ to move or flow along a closed path
2. _____ to cause a seed to start growing; sprouting
3. _____ to search into so as to learn the facts
4. _____ the act of exchanging information
5. _____ a group of stars usually named for what its outline resembles
6. _____ to change into steam and disappear
7. _____ all of the people living in a country, a state, a city, or another place
8. _____ rain, snow, and sleet
9. _____ a rapid, back and forth motion

EXTRA CREDIT VOCABULARY WORDS: climate, vertebrate, and invertebrate

SCIENCE WORD SEARCH 5

c i c f b o e t a m i r p o w
o o n o i s o r e w a r o e u
n r m v n o i s i v e l e t b
s n e m e h v x y c v t t a m
t o t v u s y a i i a m a n u
e i a h i n t p s l p p r i z
l t n z g b i i u r o g b m d
l a r y n t r c g c r j e r i
a l e e a x r a a a a z t e v
t u b t f i c i t t t a r g i
i p i a c e k k q i i e e k s
o o h m i g r a t e o o v f i
n p d i f f u s i o n n n g o
o f d l x c e x p l o s i o n
v p q c w y e w o g a a k g v

How many of the words can you find in the puzzle?

circulate

climate

communication

constellation

diffusion

division

erosion

evaporation

explosion

germinate

hibernate

invertebrate

investigate

migrate

population

precipitation

primate

television

vertebrate

vibration

vision

READING INTERVENTION PROGRAM

**SCIENCE
VOCABULARY**

LESSON

6

-TION, -ATION, -OUS

SCIENCE WORD SORT, LESSON 6

in ven tion	dan ger ous	re ac tion	var i a tion
ig ne ous	in fec tion	pre cious	con ser va tion
cau tious	se lec tion	nu tri tious	ex tinc tion
at trac tion	ex plor a tion	trans por ta tion	
poi son ous	a dap ta tion	clas si fi ca tion	

● Write each word under the correct spelling. (Write each word as one word.)

-tion

-ation

-ous

<u>invention</u> <hr style="width: 80%; margin: 5px auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>
<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>
<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>
<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>
<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>
<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>	<hr style="width: 80%; margin: 0 auto;"/>

SCIENCE VOCABULARY STUDY 1, **LESSON 6**

PART 1

• Write a definition for each word.

1. dangerous _____
2. poisonous _____
3. igneous _____
4. precious _____
5. cautious _____
6. nutritious _____
7. infection _____
8. reaction _____
9. selection _____



PART 2

WORD PICTURES

• Choose four interesting words from Part 1, above, and draw a picture for each word.

• On the back of this page, write a sentence about each picture.

SCIENCE VOCABULARY STUDY 2, **LESSON 6**

PART 1

•Write a definition for each word.

1. invention _____
2. attraction _____
3. extinction _____
4. transportation _____
5. conservation _____
6. exploration _____
7. variation _____
8. classification _____
9. adaptation _____



PART 2

WORD PICTURES

•Choose four interesting words from Part 1, above, and draw a picture for each word.

•On the back of this page, write a sentence about each picture.

EXTRA CREDIT VOCABULARY WORDS: reproduction, spontaneous, and propagation

SCIENCE VOCABULARY DEFINITIONS, LESSON 6

-OUS

cautious - careful; paying attention (*a cautious mountain climber*)

dangerous - full of danger; unsafe (*the dangerous shark*)

igneous - rocks formed by great heat, as by the action of volcanoes (*igneous rocks*)

nutritious - valuable to the body as food; nourishing (*a nutritious breakfast*)

poisonous - capable of harming or killing by poison (*a poisonous snake*)

precious - having a high price or value (*some precious diamonds*)

-TION

attraction - the act of attracting; to cause to like, notice, or turn towards (*Butterflies are an attraction for many people.*)

extinction - the state of becoming extinct or no longer existing (*Some animals face extinction.*)

infection - the state of being infected or having a disease in the body such as a cold or the flu (*a serious infection*)

invention - the act of inventing or making up or thinking up for the first time (*the invention of television*)

reaction - a chemical change caused by mixing different chemical substances (*a chemical reaction*)

selection - the act of selecting or limiting to certain members or things (*a selection of colors*)

-ATION

adaptation - the state of adapting; ability to change or be changed to fit new needs or conditions (*color adaptation in animals*)

classification - a group, a division, a class, or a category into which something is placed (*The library has an excellent classification system for books.*)

conservation - the care and protection of forests, lakes, and other natural resources (*conservation of natural resources*)

exploration - the act of exploring or traveling into a place to discover something (*experimentation and space exploration*)

transportation - the act of transporting or moving people or goods from one place to another (*Our city has a good system of mass transportation.*)

variation - the state of being different, not staying the same (*a variation of musical sounds*)

RAPID WORD READING, LESSON 6

PART 1 ● Make an arc under each syllable.

in ven tion in fec tion se lec tion in ven tion in fec tion se lec tion in ven tion

at trac tion re ac tion ex tinc tion attrac tion reac tion ex tinc tion attrac tion

trans por ta tion ex plor a tion con ser va tion transpor ta tion ex plor a tion

var i a tion clas si fi ca tion a dap ta tion varia tion clas si fi ca tion adap ta tion

dan ger ous poi son ous ig ne ous dan ger ous poi son ous ig ne ous

pre cious cau tious nu tri tious pre cious cau tious nu tri tious pre cious

PART 2 ● Read the words. ● Write the number correct and the time.

RAPID WORD READING CARD, LESSON 6

invention

infection

selection

attraction

reaction

extinction

transportation

exploration

conservation

variation

classification

adaptation

dangerous

poisonous

igneous

precious

cautious

nutritious

BONUS WORDS

reproduction

spontaneous

propagation

NUMBER CORRECT _____ TIME _____

SPEED READING, LESSON 6

igneous rocks

natural selection

a serious infection

a poisonous snake

a chemical reaction

the dangerous shark

a nutritious breakfast

19

some precious diamonds

the invention of television

color adaptation in animals

pollination and propagation

a cautious mountain climber

a variation of musical sounds

conservation of natural resources

the reproduction of plants and animals

experimentation and space exploration

56

Some animals face extinction.

The fire started by spontaneous combustion.

Butterflies are an attraction for many people.

Our city has a developed a mass transportation system.

The library has an excellent classification system for books.

91

TIMED READING 1, ORAL READING, NUMBER OF WORDS _____ TIME _____

TIMED READING 1, SILENT READING, NUMBER OF WORDS _____ TIME _____

SPELLING TEST, LESSON 6

1. ___ ___ ___ / ___ ___ ___ / ous

2. ___ ___ ___ / ___ ___ ___ / ous

3. ___ ___ / ___ ___ / ous

4. ___ ___ / ___ ___ ___ / tion

5. ___ ___ / ___ ___ / tion

6. ___ ___ / ___ ___ ___ ___ / tion

7. ___ ___ ___ ___ ___ / ___ ___ ___ / ___ ___ / tion

8. ___ ___ ___ / ___ ___ ___ / ___ ___ / tion

9. ___ ___ / ___ ___ ___ ___ / ___ / tion

10. ___ / ___ ___ ___ / ___ ___ / tion

BONUS WORDS

NUMBER CORRECT _____

SCIENCE VOCABULARY TESTS, LESSON 6

● Write the word for the definition.

TEST ONE

dangerous	igneous	precious	poisonous	
reaction	cautious	nutritious	infection	selection

1. _____ careful; paying attention
2. _____ rocks formed by great heat, as by the action of volcanoes
3. _____ unsafe
4. _____ valuable to the body as food; nourishing
5. _____ capable of harming or killing
6. _____ having a high price or value
7. _____ the state of being infected or having a disease in the body, such as a cold or the flu
8. _____ limited to certain members or things
9. _____ a chemical change caused by mixing different chemical substances

TEST TWO

attraction	extinction	invention	transportation	
conservation	variation	exploration	classification	adaptation

1. _____ no longer existing
2. _____ the act of moving people or goods from one place to another
3. _____ the care and protection of forests, lakes, and other natural resources
4. _____ the act of traveling into a place to discover something
5. _____ different, not staying the same
6. _____ a group, a division, a class, or a category into which something is placed
7. _____ the ability to change or be changed to fit new needs or conditions
8. _____ causing to like, notice, or turn towards
9. _____ the act of making up or thinking up for the first time

EXTRA CREDIT VOCABULARY WORDS: reproduction, spontaneous, and propagation

SCIENCE WORD SEARCH 6

n o i t a c i f i s s a l c s
n o i t a v r e s n o c e l p
o i i n v e n t i o n m c s o
i e o t n o i t c a e r r u n
t x i v a r i a t i o n c o t
a t n o i t a t p a d a i n a
r i f r e p r o d u c t i o n
o n e a k a n o y t a v b s e
l c c k c z r l p g l h g i o
p t t t s u i c a s k r z o u
x i i j p r k p q q n r r p s
e o o n s u o r e g n a d p c
n n n u t r i t i o u s r y t
u c z a p c a u t i o u s t r
n o i t c e l e s u o e n g i

How many of the words can you find in the puzzle?

adaptation

attraction

cautious

classification

conservation

dangerous

exploration

extinction

igneous

infection

invention

nutritious

poisonous

propagation

reaction

reproduction

selection

spontaneous

transportation

variation

READING INTERVENTION PROGRAM

**SCIENCE
VOCABULARY**

LESSON

7

Y = long e, long i, short i

SCIENCE WORD SORT, LESSON 7

bi-ol-og y	mag-ni- fy	cry- stal	he-red-it- y
gal-ax- y	re- cy -cle	clas-si- fy	sym -bol
am-pli- fy	en-er- gy	cyl -in-der	mod-i- fy
sys tem	e-co- sys tem	de- hy drate	
syn the-tic	di-ver-si- ty	ge-og-ra- phy	

● Write each word under the correct spelling. (Write each word as one word.)

y =
long e

y =
long i

y =
short i

biology 	magnify 	cry stal
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SCIENCE VOCABULARY STUDY 1, **LESSON 7**

● Write a definition for each word.

- 1. biology _____
- 2. geography _____
- 3. energy _____
- 4. galaxy _____
- 5. diversity _____
- 6. heredity _____
- 7. classify _____
- 8. modify _____
- 9. magnify _____



PART 2

WORD PICTURES

● Choose four interesting words from Part 1, above, and draw a picture for each word.

● On the back of this page, write a sentence about each picture.

SCIENCE VOCABULARY STUDY 2, **LESSON 7**

• Write a definition for each word.

1. amplify _____
2. recycle _____
3. dehydrate _____
4. crystal _____
5. symbol _____
6. system _____
7. ecosystem _____
8. cylinder _____
9. synthetic _____



PART 2

WORD PICTURES

• Choose four interesting words from Part 1, above, and draw a picture for each word.

• On the back of this page, write a sentence about each picture.

EXTRA CREDIT VOCABULARY WORDS: embryo, enzyme, and synchronize

SCIENCE VOCABULARY DEFINITIONS, LESSON 7

Y = long e

biology - the study of plants and animals (*biology and biologist*)

diversity - the quality or state of being different or *varied* (*Birds show diversity in size and shape.*)

energy - power to work or to be active; force (*Electricity and heat are forms of energy.*)

galaxy - any vast group of stars (*The earth and sun are part of the Milky Way galaxy.*)

geography - the study of the surface of the earth and how it is divided into continents, countries, seas, and so forth (*geography and astronomy*)

heredity - the passing on of certain characteristics from parents to offspring (*The color of one's hair is due to heredity.*)

Y = long i

amplify - to make louder, stronger, and so forth (*finding a way to amplify the music*)

classify - to arrange by putting into classes and groups according to some system (*to classify beneficial bacteria*)

dehydrate - to remove water from; to dry (*Raisins are grapes that have been dehydrated.*)

magnify - to make, to look, or to seem larger (*to magnify an object with the microscope*)

modify - to make a small or partial change in (*to modify the hypothesis*)

recycle - to put something through a special process so that it can be used again (*to recycle aluminum cans*)

Y = short i

crystal - a clear quartz that looks like glass (*a quartz crystal*)

cylinder - a round figure with two flat ends that are parallel circles (*a cylinder in a gasoline engine*)

ecosystem - all of the animals, plants, and bacteria that make up a particular community. (*The parts of the ecosystem depend on one another to live.*)

symbol - an object, a mark, or a sign that stands for another object or an idea (*the dollar symbol \$*)

synthetic - made by putting together chemicals rather than natural materials (*a chair made of synthetic wood, not real wood*)

system - a group of things or parts working together (*the solar system*)

RAPID WORD READING, LESSON 7

PART 1 Make an arc under each syllable.

en er gy he red i ty gal ax y energy heredity galaxy energy heredity

di ver si ty bi ol o gy ge og ra phy diversity biology geography diversity

mag ni fy clas si fy mod i fy magnify classify modify magnify classify

am pli fy re cy cle de hy drate amplify recycle dehydrate amplify recycle

crys tal sym bol sys tem crystal symbol system crystal symbol system

e co sys tem cyl in der syn the tic ecosystem cylinder synthetic ecosystem

PART 2 •Read the words. •Write the number correct and the time.

RAPID WORD READING CARD, LESSON 7

energy

heredity

galaxy

diversity

biology

geography

magnify

classify

modify

amplify

recycle

dehydrate

crystal

symbol

system

ecosystem

cylinder

synthetic

BONUS WORDS

embryo

enzyme

synchronize

NUMBER CORRECT _____ TIME _____

SPEED READING, LESSON 7



a quartz crystal

embryo and egg

the dollar symbol \$

biology and biologist

to modify the hypothesis

to recycle aluminum cans

geography and astronomy

24

to synchronize their watches

to classify beneficial bacteria

a cylinder in a gasoline engine

a chair made of synthetic wood

finding a way to amplify the music

to magnify an object with the microscope

58

Birds show diversity in size and shape.

Electricity and heat are forms of energy.

The color of one's hair is due to heredity.

Raisins are grapes that have been dehydrated.

The earth and sun are part of the Milky Way galaxy.

The parts of the ecosystem depend on one another to live.

Pepsin is an enzyme in the stomach that helps to digest food.

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TIMED READING 1, ORAL READING, NUMBER OF WORDS _____ TIME _____

TIMED READING 2, SILENT READING, NUMBER OF WORDS _____ TIME _____

SPELLING TEST, LESSON 7

1. ___ ___ / ___ ___ / ___ / ___ y

2. ___ ___ / ___ ___ / ___ y

3. ___ ___ / ___ ___ ___ / ___ ___ / ___ y

4. ___ ___ ___ / ___ ___ / ___ y

5. ___ ___ / ___ ___ ___ / ___ y

6. ___ ___ ___ ___ / ___ ___ / ___ y

7. ___ ___ y ___ / ___ ___ ___

8. ___ y ___ / ___ ___ ___

9. ___ y ___ / ___ ___ ___

10. ___ / ___ ___ / ___ y ___ / ___ ___ ___

BONUS WORDS

NUMBER CORRECT _____

SCIENCE VOCABULARY TESTS, LESSON 7

Write the word for the definition.

TEST ONE

magnify	geography	energy	galaxy	
diversity	heredity	classify	modify	biology

- _____ the study of plants and animals
- _____ the quality or state of being different or varied
- _____ power to work or to be active; force
- _____ any vast group of stars
- _____ to make a small or partial change in
- _____ to arrange by putting into classes and groups according to some system
- _____ the study of the surface of the earth and how it is divided into continents, countries, seas, and so forth
- _____ the passing on of certain characteristics from parents to offspring
- _____ to make, to look, or to seem larger

TEST TWO

recycle	amplify	dehydrate	crystal	
symbol	system	synthetic	cylinder	ecosystem

- _____ to remove water from; to dry
- _____ to put something through a special process so that it can be used again
- _____ a clear quartz that looks like glass
- _____ a round figure with two flat ends that are parallel circles
- _____ a group of things or parts working together
- _____ to make louder, stronger, and so forth
- _____ all of the animals, plants, and bacteria that make up a particular community and that depend on each other to live
- _____ an object, a mark, or a sign that stands for another object or an idea
- _____ made by putting together chemicals rather than natural materials

EXTRA CREDIT VOCABULARY WORDS: embryo, enzyme, and synchronize

SCIENCE WORD SEARCH 7

e l y s k o p w o y r b m e b
t z f j a x u y y w j i l k a
a c i t a m e t s y s o c e b
r l d n e y i h t y b l e e e
d y o v o s e r n m v o z n t
y u m r r r y t y e u g z l p
h s m e e f h s s y p y a m y
e u v d i e p c p l m t f f d
d i i n t d a z n e s v i k y
d t g i j n r a j y e s a g l
y a c l v i g k r n s l b d k
m p p y f f o c e a f o m o w
z e l c y c e r l z g s r j y
u y x a l a g c n a m c e a w
p r a j v y i r d a i y u e w

How many of the words can you find in the puzzle?

biology

classify

crystal

cylinder

dehydrate

diversity

ecosystem

energy

enzyme

galaxy

geography

heredity

magnify

embryo

recycle

symbol

synchronize

synthetic

system

systematic

modify

SCIENCE CHALLENGE WORDLIST

PART 1

genetic magnetic

erosion explosion

migration insulation concentration condensation

hibernation circulation radiation

germination pollination investigation exploration

evaporation constellation experimentation

nutrition competition combustion reproduction selection pollution

dominate generate pollinate germinate contaminate

evaporate chlorinate carbohydrate vertebrate invertebrate

NUMBER CORRECT ____ TIME _____

PART 2

biology galaxy astronomy observatory velocity diversity impurity
chemistry psychology

magma saliva amoeba retina inertia

muscular molecular neuron neutron proton

biologist botanist geologist meteorologist

porous luminous igneous carnivorous infectious

magnetism organism metabolism protoplasm cytoplasm

helium cerebrum cerebellum uranium paramecium

photosynthesis tuberculosis hypothesis nucleus

synchronize synthetic ecosystem recycle embryo

NUMBER CORRECT ____ TIME _____

ANSWER KEYS

The answer key consists of four parts: (1.) EXTRA CREDIT VOCABULARY WORDS, (2.) SPELLING TEST WORDS, (3.) VOCABULARY TESTS, (4.) WORD SEARCHES. The answers to other packet pages are self-evident.

EXTRA CREDIT VOCABULARY WORDS

LESSON ONE

carnivore – an animal that feeds on other animals

herbivore – an animal that feeds on plants

omnivore – an animal that feeds on plants and animals

LESSON TWO

barometer – an instrument that measures the pressure of the atmosphere

cylinder – a round figure with two flat ends that are parallel circles (a cylinder of an engine)

architecture – the science or work of planning and putting up buildings

LESSON THREE

intelligent – having the ability to learn and understand and to solve problems

absorbent – able to attract and take in moisture, light, and so forth

disinfectant – anything that disinfects or kills disease germs

LESSON FOUR

transatlantic – crossing the Atlantic

endoskeleton – the hard, supporting structure found inside various animals
(vertebrates and other animals)

exoskeleton – any hard outer covering of an animal that supports the muscles, organs, and so forth (the shell of an oyster)

LESSON FIVE

climate – the average weather conditions of a place over a period of time

vertebrate – an animal having a backbone (mammals, birds, reptiles, and so forth)

invertebrate – an animal without a backbone or spinal column (worms, insects, clams, and so forth)

LESSON SIX

spontaneous – caused or brought about by its own force, without outside help
(spontaneous combustion)

reproduction – the process by which animals and plants produce others of the same kind

propagation – the act of increasing by producing offspring (the propagation of plants and animals)

LESSON SEVEN

embryo – an animal in its first stages of growth; the part of a seed from which a plant develops

enzyme – a substance produced in plant and animal cells that causes a chemical change in other substances but is not changed itself (Pepsin is an enzyme in the stomach that helps to digest food.)

synchronize – to move or happen at the same time and speed

SPELLING TEST WORDS

Lesson 1 (Page 8)

1. solar
2. polar
3. lunar
4. motor
5. harbor
6. meteor
7. river
8. matter
9. power
10. weather

BONUS WORDS: carnivore, herbivore

Lesson 2 (Page 18)

1. nature
2. nurture
3. moisture
4. manufacture
5. figure
6. failure
7. exposure
8. computer
9. discover
10. producer

BONUS WORDS: barometer, architecture

Lesson 3 (Page 28)

1. treatment
2. sediment
3. experiment
4. nourishment
5. continent
6. transparent
7. independent
8. distant
9. dormant
10. abundant

BONUS WORDS: intelligent, disinfectant

Lesson 4 (Page 38)

1. voyage
2. voltage
3. storage
4. poison
5. horizon
6. skeleton
7. organic
8. inorganic
9. genetic
10. scientific

BONUS WORDS: transatlantic, exoskeleton

Lesson 5 (Page 48)

1. primate
2. migrate
3. circulate
4. population
5. vibration
6. precipitation
7. vision
8. television
9. explosion
10. erosion

BONUS WORDS: climate, invertebrate

Lesson 6 (Page 58)

1. dangerous
2. poisonous
3. igneous
4. invention
5. reaction
6. extinction
7. transportation
8. conservation
9. exploration
10. adaptation

BONUS WORDS: spontaneous, reproduction

Lesson 7 (Page 68)

1. biology
2. energy
3. diversity
4. magnify
5. amplify
6. classify
7. crystal
8. symbol
9. system
10. ecosystem

BONUS WORDS: enzyme, synchronize

SCIENCE VOCABULARY TESTS

PAGE 9 (Lesson One)

TEST 1 1.glacier 2.crater 3.matter 4.lunar 5.river 6.solar 7.power 8.weather 9.calendar

TEST 2 1.muscular 2.polar 3.meteor 4.predator 5.harbor 6.motor 7.radar 8.equator 9.generator

PAGE 19 (Lesson Two)

TEST 1 1.discover 2.nurture 3.thermometer 4.shelter 5.temperature 6.nature 7.consumer
8.producer 9.computer

TEST 2 1.failure 2.exposure 3.measure 4.pressure 5.treasure 6.figure 7.moisture
8.manufacture 9.agriculture

PAGE 29 (Lesson Three)

TEST 1 1.treatment 2.measurement 3.nutrient 4.experiment 5.sediment 6.environment
7.nourishment 8.ingredient 9.transparent

TEST 2 1.abundant 2.ancient 3.dormant 4.dominant 5.distant 6.continent 7.giant
8.independent 9.inhabitant

PAGE 39 (Lesson Four)

TEST 1 1.skeleton 2.plankton 3.octagon 4.appendage 5.advantage 6.forage
7.horizon 8.neuron 9.poison

TEST 2 1.storage 2.voltage 3.voyage 4.atmospheric 5.organic 6.inorganic 7.geographic
8.genetic 9.scientific

PAGE 49 (Lesson Five)

TEST 1 1.hibernate 2.migrate 3.vision 4.television 5.division 6.erosion
7.explosion 8.diffusion 9.primate

TEST 2 1.circulate 2.germinate 3.investigate 4.communicate 5.constellation 6.evaporation
7.population 8.precipitation 9.vibration

PAGE 59 (Lesson Six)

TEST 1 1.cautious 2.igneous 3.dangerous 4.nutritious 5.poisonous 6.precious
7.infection 8.selection 9.reaction

TEST 2 1.extinction 2.transportation 3.conservation 4.exploration 5.variation 6.classification
7.adaptation 8.attraction 9.invention

PAGE 69 (Lesson Seven)

TEST 1 1.biology 2.diversity 3.energy 4.galaxy 5.modify 6.classify
7.geography 8.heredity 9.magnify

TEST 2 1.dehydrate 2.recycle 3.crystal 4.cylinder 5.system 6.amplify
7.ecosystem 8.symbol 9.synthetic

ANSWER KEYS (Science Word Searches 1-7)

Science Word Search 1

d	b	q	x	m	g	e	n	e	r	a	t	o	r	q
q	a	x	q	l	m	t	r	a	d	n	e	l	a	e
u	l	h	b	g	c	o	l	o	h	r	v	v	l	j
i	x	h	w	s	v	u	r	a	v	e	x	s	s	c
e	s	v	w	i	c	e	r	o	v	i	n	m	o	j
c	p	l	n	s	w	b	e	a	t	c	b	r	q	g
t	r	r	u	m	o	d	h	l	v	a	a	r	v	e
n	a	m	e	r	e	t	t	a	m	l	u	x	e	c
e	n	q	e	d	r	t	a	r	o	g	q	q	w	h
h	u	e	g	q	a	o	e	p	t	q	e	r	e	g
p	l	y	a	q	d	t	w	o	o	z	s	e	m	y
j	g	q	f	r	a	l	o	s	r	w	g	g	p	s
a	h	j	o	r	r	n	u	r	i	v	e	r	o	e
e	b	o	e	k	o	e	t	p	n	o	g	r	z	x

Science Word Search 2

e	r	u	s	a	e	r	t	v	t	e	m	s	r	z
r	r	e	v	o	c	s	i	d	x	c	e	h	h	w
u	e	u	f	q	o	j	z	p	e	u	r	e	k	b
t	t	r	t	w	m	u	o	u	r	c	u	l	a	z
c	e	e	n	l	p	s	w	l	u	e	t	t	g	j
e	m	m	a	n	a	f	a	e	t	u	r	e	f	m
t	o	u	p	r	t	e	m	e	a	s	u	r	e	y
i	m	s	e	e	e	y	i	p	n	f	n	u	n	h
h	r	n	r	d	r	b	a	s	o	m	e	t	e	r
c	e	o	u	n	u	a	z	o	g	a	g	s	c	e
r	h	c	l	i	s	k	t	d	i	a	g	i	g	f
a	t	h	i	l	s	e	r	u	g	i	f	o	h	z
v	y	e	a	y	e	g	r	c	r	k	u	m	x	y
f	z	b	f	c	r	o	w	e	d	e	j	x	q	a
q	k	y	d	r	p	a	p	r	n	l	l	z	h	o

Science Word Search 3

d	i	s	t	a	n	t	d	k	m	e	t	k	d
w	i	n	t	e	l	l	i	g	e	n	t	d	o
g	k	y	d	j	z	o	f	z	a	v	n	v	r
a	n	c	i	e	n	t	e	t	s	i	e	p	m
t	g	n	n	t	p	n	e	n	u	r	b	q	a
n	b	o	u	r	y	e	o	e	r	o	r	d	n
a	t	u	t	a	f	m	n	i	e	n	o	a	t
n	n	r	r	n	n	i	t	d	m	m	s	b	c
i	e	i	i	s	d	r	i	e	e	e	b	u	u
m	m	s	e	p	l	e	n	r	n	n	a	n	v
o	i	h	n	a	y	p	e	g	t	t	t	d	x
d	d	m	t	r	p	x	n	n	i	e	k	a	d
d	e	e	t	e	h	e	t	i	d	a	a	n	b
n	s	n	i	n	h	a	b	i	t	a	n	t	y
b	y	t	z	t	r	e	a	t	m	e	n	t	h

Science Word Search 4

p	x	n	c	i	r	e	h	p	s	o	m	t	a	j
l	n	v	t	q	p	f	a	e	i	i	r	h	y	y
a	d	o	i	a	o	o	i	i	c	a	q	p	p	c
n	g	y	j	r	d	e	i	r	n	p	d	e	t	h
k	e	a	a	l	n	v	o	s	l	p	g	g	g	s
t	n	g	h	t	t	s	a	e	o	e	r	a	i	o
o	e	e	i	g	c	t	v	n	h	n	t	t	z	k
n	t	f	e	o	l	e	u	h	t	d	u	l	q	t
c	i	h	p	a	r	g	o	e	g	a	r	o	t	s
e	e	i	n	a	g	r	o	n	i	g	g	v	n	n
p	c	t	g	o	i	o	n	o	t	e	l	e	k	s
y	i	e	v	z	l	o	m	e	s	t	u	y	z	i
c	z	l	o	c	t	a	g	o	n	r	b	v	k	t
p	l	n	r	m	h	b	i	z	o	q	j	g	y	v
t	s	i	n	r	j	c	f	n	u	r	z	u	r	j

Science Word Search 5

c	i	c	f	b	o	e	t	a	m	i	r	p	o	w
o	o	n	o	i	s	o	r	e	w	a	r	o	e	u
n	r	m	v	n	o	i	s	i	v	e	l	e	t	b
s	n	e	m	e	h	v	x	y	c	v	t	t	a	m
t	o	t	v	u	s	y	a	i	i	a	m	a	n	u
e	i	a	h	i	n	t	p	s	l	p	p	r	i	z
l	t	n	z	g	b	i	i	u	r	o	g	b	m	d
l	a	r	y	n	t	r	c	g	c	r	j	e	r	i
a	l	e	e	a	x	r	a	a	a	a	z	t	e	v
t	u	b	t	f	i	c	i	t	t	t	a	r	g	i
i	p	i	a	c	e	k	k	q	i	i	e	e	k	s
o	o	h	m	i	g	r	a	t	e	o	o	v	f	i
n	p	d	i	f	f	u	s	i	o	n	n	n	g	o
o	f	d	l	x	c	e	x	p	l	o	s	i	o	n
v	p	q	c	w	y	e	w	o	g	a	a	k	g	v

Science Word Search 6

n	o	i	t	a	c	i	f	i	s	s	a	l	c	s
n	o	i	t	a	v	r	e	s	n	o	e	e	l	p
o	i	i	n	v	e	n	t	i	o	n	m	c	s	o
i	e	o	t	n	o	i	t	e	a	e	r	r	u	n
t	x	i	v	a	r	i	a	t	i	o	n	c	o	t
a	t	n	o	i	t	a	t	p	a	d	a	i	n	a
r	i	f	r	e	p	r	o	d	u	c	t	i	o	n
o	n	e	a	k	a	n	o	y	t	a	v	b	s	e
l	c	c	k	c	z	r	l	p	g	l	h	g	i	o
p	t	t	t	s	u	i	c	a	s	k	r	z	o	u
x	i	i	j	p	r	k	p	q	q	n	r	r	p	s
e	o	o	n	s	u	o	r	e	g	n	a	d	p	c
n	n	n	u	t	r	i	t	i	o	u	s	r	y	t
u	c	z	a	p	c	a	u	t	i	o	u	s	t	r
n	o	i	t	c	e	l	e	s	u	o	e	n	g	i

Science Word Search 7

e	l	y	s	k	o	p	w	o	y	r	b	m	e	b
t	z	f	j	a	x	u	y	y	w	j	i	l	k	a
a	c	i	t	a	m	e	t	s	y	s	o	c	e	b
r	l	d	n	e	y	i	h	t	y	b	l	e	e	e
d	y	o	v	o	s	e	r	n	m	v	o	z	n	t
y	u	m	r	r	r	y	t	y	e	u	g	z	l	p
h	s	m	e	e	f	h	s	s	y	p	y	a	m	y
e	u	v	d	i	e	p	c	p	l	m	t	f	f	d
d	i	i	n	t	d	a	z	n	e	s	v	i	k	y
d	t	g	i	j	n	r	a	j	y	e	s	a	g	l
y	a	e	l	v	i	g	k	r	n	s	l	b	d	k
m	p	p	y	f	f	o	c	e	a	f	o	m	o	w
z	e	l	c	y	c	e	r	l	z	g	s	r	j	y
u	y	x	a	l	a	g	e	n	a	m	c	e	a	w
p	r	a	j	v	y	i	r	d	a	i	y	u	e	w