

Puzzle 1: Science Skills

Easy | 12 x 12 grid | 12 words | answer included

V	P	T	S	C	O	M	P	A	R	E	K
I	D	C	E	R	E	C	O	R	D	M	C
N	S	L	U	S	E	A	Y	E	B	O	B
V	N	A	V	O	T	S	I	N	V	D	F
E	R	S	D	G	O	A	U	G	C	E	K
S	U	S	P	U	X	B	B	L	K	L	D
T	D	I	X	R	Z	U	S	L	T	J	A
I	N	F	E	R	E	N	C	E	E	S	T
G	H	Y	E	Q	R	D	H	U	R	F	A
A	D	V	Q	O	A	Q	I	B	W	V	S
T	M	N	B	U	K	J	I	C	Q	H	E
E	M	E	A	S	U	R	E	E	T	Y	T

FIND THESE WORDS

Classify
Compare
Dataset
Inference

Investigate
Measure
Model
Observe

Predict
Record
Results
Testable

Puzzle 2: Living Things

Easy | 12 x 12 grid | 12 words | answer included

O	M	R	E	P	R	O	D	U	C	E	M
R	O	A	E	U	M	A	Q	O	L	H	H
S	T	R	D	S	J	H	H	N	N	H	N
Y	U	T	G	A	P	V	Q	X	O	A	U
V	B	R	X	A	P	O	R	C	N	B	T
X	W	B	V	Z	N	T	N	Y	L	I	R
V	V	H	D	I	A	I	A	D	I	T	I
R	T	F	A	J	V	R	S	T	V	A	T
C	I	M	Z	X	C	A	W	M	I	T	I
L	I	F	E	C	Y	C	L	E	N	O	O
Z	O	F	F	S	P	R	I	N	G	H	N
T	Q	S	P	E	C	I	E	S	Q	H	U

FIND THESE WORDS

Adaptation
Habitat
Life cycle
Living

Non-living
Nutrition
Offspring
Organism

Reproduce
Respond
Species
Survival

Puzzle 3: Matter and Materials

Easy | 12 x 12 grid | 12 words | answer included

Q	S	O	L	I	D	B	Y	C	M	J	W
V	W	M	D	I	M	Q	A	F	A	V	Z
H	Q	C	V	O	L	U	M	E	S	G	X
F	L	B	O	I	L	I	N	G	S	A	R
P	F	Z	T	N	E	W	Q	D	S	S	V
M	Q	R	T	L	D	U	J	U	W	T	M
I	E	V	E	J	D	E	N	S	I	T	Y
X	W	L	X	E	T	V	N	F	J	D	U
T	Z	K	T	R	Z	V	U	S	W	L	O
U	R	L	U	I	Y	I	J	V	I	T	O
R	N	G	R	A	N	X	N	T	N	N	N
E	B	J	E	O	V	G	M	G	Z	L	G

FIND THESE WORDS

Boiling
Condensing
Density
Freezing

Gas
Liquid
Mass
Melting

Mixture
Solid
Texture
Volume

Puzzle 4: Simple Machines

Easy | 12 x 12 grid | 12 words | answer included

N	S	T	S	A	F	M	L	H	G	J	B
Q	G	C	M	X	U	U	J	F	M	L	W
P	C	N	R	L	P	U	L	L	E	Y	H
P	O	M	L	E	V	E	R	C	R	V	E
M	N	F	O	E	W	U	F	O	R	C	E
T	H	W	F	T	R	U	B	F	R	U	L
J	D	E	O	Z	I	P	H	K	O	B	M
W	V	D	C	X	L	O	A	D	U	R	V
G	U	G	F	Q	M	H	N	K	T	A	T
V	N	E	I	S	N	T	J	U	V	M	G
A	C	N	W	B	L	P	R	W	I	P	B
T	M	S	U	F	Y	K	N	I	U	J	Y

FIND THESE WORDS

Axle
Effort
Force
Fulcrum

Lever
Load
Motion
Pulley

Ramp
Screw
Wedge
Wheel

Puzzle 5: Human Body Systems

Medium | 15 x 15 grid | 16 words | answer included

U	J	A	E	A	X	X	J	A	R	E	C	M	J	D
O	D	L	U	N	G	S	Q	O	M	Q	X	A	B	N
R	H	Y	E	L	C	S	U	M	I	B	L	N	O	O
G	T	E	N	T	E	N	D	O	N	N	E	I	D	I
A	H	K	H	M	Q	S	O	N	Z	R	T	U	Y	T
N	A	Z	Q	I	E	D	S	Q	V	A	T	B	T	S
V	P	Z	H	Q	Z	T	U	E	L	W	Z	L	I	E
J	E	H	I	T	T	Z	S	U	V	E	D	T	S	G
S	W	C	R	W	B	K	C	Y	B	D	J	A	S	I
X	R	A	T	E	E	R	T	M	S	J	O	O	U	D
F	E	M	P	L	I	B	A	N	I	Y	U	O	E	T
H	Y	O	E	C	D	V	Q	I	B	G	D	S	L	S
Z	I	T	O	T	I	X	A	Y	N	U	D	O	U	B
S	O	S	Q	E	G	N	I	H	T	A	E	R	B	C
N	A	Y	O	T	F	F	R	P	Y	E	P	T	U	I

FIND THESE WORDS

Blood vessel
Body system
Body tissue
Brain

Breathing
Circulation
Digestion
Heart

Joint
Lungs
Muscle
Nerves

Organ
Skeleton
Stomach
Tendon

Puzzle 6: Earth's Changing Surface

Medium | 15 x 15 grid | 16 words | answer included

I	C	A	J	B	E	A	M	G	A	M	H	U	I	M
Y	H	P	D	W	E	A	T	H	E	R	I	N	G	M
X	S	U	L	L	G	M	R	T	F	B	Z	C	L	F
S	U	D	T	A	Y	E	A	T	N	T	T	A	V	Z
D	J	N	Y	D	T	M	B	T	H	S	Z	P	C	J
L	A	Q	I	R	O	E	L	A	E	Q	B	F	I	I
M	I	N	E	R	A	L	B	L	N	E	U	L	X	O
U	T	S	P	Y	L	T	C	O	D	T	P	A	G	S
C	F	H	P	A	M	Y	N	R	U	S	J	V	K	W
Y	I	S	V	D	C	S	O	E	Y	N	W	A	B	E
C	L	B	V	K	O	C	I	Y	M	Y	D	Z	C	O
R	P	T	C	C	K	N	S	V	D	I	H	A	I	I
U	U	O	Q	W	S	L	O	A	V	S	D	D	R	K
S	R	V	T	E	S	W	R	W	R	J	O	E	E	Y
T	T	Z	T	S	U	O	E	N	G	I	Z	N	S	B

FIND THESE WORDS

Bedrock
Crust
Earthquake
Erosion

Igneous
Lava
Magma
Mantle

Metamorphic
Mineral
Plate boundary
Rock cycle

Sediment
Sedimentary
Uplift
Weathering

Puzzle 7: Water Cycle and Weather

Medium | 15 x 15 grid | 16 words | answer included

W	O	L	F	M	A	E	R	T	S	L	A	V	V	M
N	O	I	T	A	M	R	O	F	D	U	O	L	C	T
O	R	S	N	E	V	A	P	O	R	A	T	I	O	N
I	O	W	H	F	W	R	K	I	E	L	S	T	N	M
T	E	C	A	L	I	J	E	D	J	U	A	E	D	A
A	P	L	T	T	Y	L	F	F	R	I	R	C	E	R
R	A	O	C	J	E	F	T	F	I	U	R	S	N	A
I	M	C	I	Y	O	R	A	R	S	U	N	I	S	I
P	R	A	R	N	C	C	S	S	A	O	Q	Y	A	N
S	E	F	U	E	E	R	E	T	W	T	N	A	T	F
N	H	R	I	W	L	R	E	F	O	B	I	K	I	A
A	T	G	A	K	P	T	A	T	D	R	O	O	O	L
R	A	T	Z	R	K	L	E	N	A	G	A	S	N	L
T	E	B	I	P	L	T	Q	C	G	W	A	G	L	S
R	W	A	C	G	R	O	U	N	D	W	A	T	E	R

FIND THESE WORDS

Air pressure

Aquifer

Cloud formation

Condensation

Evaporation

Groundwater

Infiltration

Rainfall

Runoff

Snowfall

Streamflow

Surface water

Transpiration

Water cycle

Water storage

Weather map

Puzzle 8: Our Solar System

Medium | 15 x 15 grid | 16 words | answer included

D	N	I	T	L	I	T	L	A	I	X	A	T	Z	P
R	O	S	O	L	A	R	C	O	R	E	E	X	Q	O
H	I	I	N	N	E	R	P	L	A	N	E	T	V	X
K	S	N	V	T	X	B	G	H	A	H	E	V	R	K
M	U	V	G	E	N	V	D	L	Z	M	X	O	J	D
O	F	M	X	E	F	A	P	I	E	I	C	L	W	W
O	R	O	O	L	D	R	I	T	O	K	V	I	B	A
N	A	E	Q	O	E	P	S	G	Y	R	H	A	B	R
C	E	Y	X	T	N	Y	L	P	S	W	E	T	O	F
R	L	J	U	I	S	O	L	A	Z	A	T	T	Y	P
A	C	O	Y	R	R	A	R	F	N	R	G	E	S	L
T	U	U	A	D	N	H	X	B	O	E	Z	M	E	A
E	N	L	I	E	O	T	Z	V	I	S	T	O	J	N
R	O	C	T	P	M	Y	E	I	P	T	H	C	I	E
S	G	A	E	B	O	R	P	E	C	A	P	S	O	T

FIND THESE WORDS

Asteroid belt

Axial tilt

Comet tail

Dwarf planet

Gas giant

Inner planet

Moon crater

Moon orbit

Nuclear fusion

Outer planet

Ringed planet

Rocky planet

Rover

Solar core

Solar system

Space probe

Puzzle 9: Cells and Genetics

Challenging | 18 x 18 grid | 20 words | answer included

C	E	L	L	D	I	V	I	S	I	O	N	Y	N	R	U	I	Y
H	G	N	I	E	T	O	R	P	S	S	E	W	O	H	D	I	V
O	O	M	A	I	R	D	N	O	H	C	O	T	I	M	O	W	G
W	C	M	Q	R	N	H	M	M	N	M	J	X	T	K	U	N	E
C	B	Y	O	O	B	I	O	A	N	D	W	W	A	D	B	H	N
S	T	J	T	L	V	M	T	N	W	U	J	B	T	X	L	J	O
U	U	W	O	B	O	I	E	S	U	Y	S	V	U	F	E	C	M
K	R	E	K	I	R	G	R	M	E	C	H	I	M	S	H	N	E
G	E	S	L	E	M	K	O	M	L	V	L	Q	B	R	E	L	D
J	P	R	H	C	V	J	E	U	V	L	U	E	O	U	L	A	O
N	L	N	E	L	U	M	C	A	S	T	E	M	O	G	I	E	C
Y	I	F	O	A	O	N	R	S	M	P	O	C	D	T	X	A	C
Y	C	Z	P	S	Y	I	L	E	R	S	A	H	X	V	I	S	I
G	A	U	O	P	A	X	V	L	O	Z	M	I	I	S	S	D	T
B	T	B	E	T	H	N	D	M	E	C	T	T	R	C	N	X	E
E	I	K	I	A	L	L	E	L	E	C	F	O	F	T	W	C	N
R	O	O	L	S	C	Y	T	O	P	L	A	S	M	W	L	G	E
E	N	I	T	U	E	A	M	I	T	W	A	C	J	U	H	A	G

FIND THESE WORDS

Allele
Cell division
Cell membrane
Cell nucleus
Chromosome

Cytoplasm
DNA
Double helix
Gene
Genetic code

Genome
Homologous pair
Inheritance
Mitochondria
Mutation

Nucleotide
Protein
Replication
Ribosome
Variation

Puzzle 10: Chemistry Foundations

Challenging | 18 x 18 grid | 20 words | answer included

V	N	S	N	M	T	G	C	M	Y	T	N	E	V	L	O	S	R
Y	B	S	Q	X	V	F	U	U	T	E	W	O	V	N	C	S	U
A	R	A	W	G	L	B	K	Z	Q	S	P	E	T	H	N	U	U
X	E	M	E	M	Y	Z	H	N	K	A	L	R	E	O	O	U	R
F	A	F	C	Q	Q	Z	E	V	H	B	D	M	O	M	R	O	Y
W	C	O	N	C	E	N	T	R	A	T	I	O	N	D	T	P	Z
Q	T	N	F	S	R	Q	F	T	G	C	I	F	V	A	U	O	N
B	A	O	C	R	V	E	C	H	A	C	W	R	C	Q	E	C	A
F	N	I	F	U	E	I	B	L	E	V	B	I	W	X	N	Y	T
I	T	T	V	R	D	E	B	M	W	O	D	R	B	E	T	U	R
S	K	A	Z	O	S	O	U	C	U	N	B	D	B	L	U	W	D
O	Q	V	I	D	N	O	B	C	I	N	O	I	C	E	E	R	X
T	B	R	W	D	I	M	L	X	P	D	C	L	M	C	X	B	F
O	E	E	K	U	L	W	F	U	Z	Z	P	I	N	T	B	X	U
P	H	S	C	A	L	E	G	V	T	Q	L	M	M	R	W	R	N
E	W	N	N	D	N	O	B	T	N	E	L	A	V	O	C	J	C
A	T	O	M	I	C	N	U	C	L	E	U	S	D	N	T	P	V
B	L	C	S	K	U	A	K	H	I	Y	L	M	Q	K	C	A	O

FIND THESE WORDS

Acid

Atomic nucleus

Atomic number

Base

Chemical bond

Concentration

Conservation of mass

Covalent bond

Electron

Indicator

Ionic bond

Isotope

Neutron

Periodic table

pH scale

Product

Proton

Reactant

Solute

Solvent

Puzzle 11: Forces, Energy, and Waves

Challenging | 18 x 18 grid | 20 words | answer included

T	V	Y	I	O	A	N	R	K	L	G	G	I	F	M	I	A	G
L	A	T	Q	N	O	E	O	I	Y	C	N	E	U	Q	E	R	F
A	Z	N	P	Y	W	Z	G	I	S	O	U	N	D	W	A	V	E
Z	R	G	E	O	G	H	A	I	T	R	E	N	I	V	X	E	Q
M	V	T	P	T	T	R	E	F	R	A	C	T	I	O	N	L	Z
E	C	L	G	W	F	E	E	P	U	M	R	T	W	L	Y	O	G
C	J	X	A	O	V	O	N	N	U	Z	A	B	N	N	F	C	H
H	L	V	P	R	U	A	R	T	E	T	K	Z	I	J	Z	I	T
A	E	W	A	K	M	S	N	C	I	C	Z	I	U	V	N	T	G
N	P	Q	I	K	M	E	U	O	E	A	I	X	I	B	O	Y	N
I	K	F	Q	Z	M	V	N	Z	D	N	L	T	Q	T	I	G	E
C	J	A	K	O	V	A	M	P	U	S	P	E	E	D	T	D	L
A	V	G	M	E	L	I	A	F	T	D	T	E	N	N	C	Y	E
L	T	P	I	F	W	B	W	N	I	C	Y	E	V	E	I	L	V
W	Y	N	O	I	T	A	R	E	L	E	C	C	A	F	R	K	A
A	R	R	K	E	X	O	T	K	P	T	U	J	E	V	F	G	W
V	C	T	Z	B	C	Z	H	S	M	D	U	E	L	W	N	J	Y
E	C	M	D	Z	X	A	W	C	A	T	M	E	P	R	U	S	D

FIND THESE WORDS

Acceleration

Amplitude

Frequency

Friction

Gravitational force

Inertia

Kinetic energy

Light wave

Mechanical wave

Momentum

Net force

Potential energy

Power

Refraction

Sound wave

Speed

Velocity

Vibration

Wavelength

Work

Puzzle 12: Ecosystems and Change

Challenging | 18 x 18 grid | 20 words | answer included

G	K	N	E	X	A	O	C	A	J	V	O	R	P	H	X	M	Y
T	R	O	P	H	I	C	L	E	V	E	L	C	I	F	B	T	X
K	L	S	E	I	C	E	P	S	E	V	I	T	A	N	I	I	C
Z	C	B	I	O	D	I	V	E	R	S	I	T	Y	C	Q	I	O
T	F	O	M	H	G	F	N	A	R	Z	C	K	A	K	N	S	M
D	W	N	N	V	Z	W	Q	L	U	I	Z	P	Q	V	O	W	M
D	B	O	M	S	I	T	I	S	A	R	A	P	A	W	I	T	E
M	S	I	L	A	U	T	U	M	V	C	R	S	R	U	T	C	N
R	O	T	O	F	X	M	J	O	G	E	I	O	F	O	A	X	S
E	C	I	Q	M	Y	X	E	N	Y	V	T	G	O	O	L	Y	A
C	Q	T	Z	R	E	G	I	R	E	A	C	D	O	M	U	M	L
U	G	E	P	A	N	Y	R	S	D	X	N	E	D	L	P	I	I
D	E	P	C	T	R	A	P	E	H	I	Q	T	W	D	O	T	S
O	D	M	C	R	Z	E	R	Y	N	O	J	R	E	P	P	C	M
R	Y	O	A	N	C	P	W	Y	H	E	U	I	B	P	J	Q	E
P	K	C	C	I	P	F	G	I	P	E	B	T	T	T	Z	V	W
R	I	L	E	Z	G	Y	V	J	B	R	J	U	F	Q	S	T	H
W	V	S	U	C	C	E	S	S	I	O	N	S	B	X	X	O	S

FIND THESE WORDS

Biodiversity

Biome

Carrying capacity

Commensalism

Competition

Consumer

Detritus

Ecological niche

Energy flow

Food web

Invasive species

Mutualism

Native species

Parasitism

Population

Predator

Prey

Producer

Succession

Trophic level

Answer 1: Science Skills

Easy | 12 x 12 grid | 12 words | answer included

V	P	T	S	C	O	M	P	A	R	E	K
I	D	C	E	R	E	C	O	R	D	M	C
N	S	L	U	S	E	A	Y	E	B	O	B
V	N	A	V	O	T	S	I	N	V	D	F
E	R	S	D	G	O	A	U	G	C	E	K
S	U	S	P	U	X	B	B	L	K	L	D
T	D	I	X	R	Z	U	S	L	T	J	A
I	N	F	E	R	E	N	C	E	E	S	T
G	H	Y	E	Q	R	D	H	U	R	F	A
A	D	V	Q	O	A	Q	I	B	W	V	S
T	M	N	B	U	K	J	I	C	Q	H	E
E	M	E	A	S	U	R	E	E	T	Y	T

ANSWER WORDS

Classify S
Compare E
Dataset S
Inference E

Investigate S
Measure E
Model S
Observe SE

Predict SE
Record E
Results SE
Testable SE

Answer 2: Living Things

Easy | 12 x 12 grid | 12 words | answer included

O	M	R	E	P	R	O	D	U	C	E	M
R	O	A	E	U	M	A	Q	O	L	H	H
S	T	R	D	S	J	H	H	N	N	H	N
Y	U	T	G	A	P	V	Q	X	O	A	U
V	B	R	X	A	P	O	R	C	N	B	T
X	W	B	V	Z	N	T	N	Y	L	I	R
V	V	H	D	I	A	I	A	D	I	T	I
R	T	F	A	J	V	R	S	T	V	A	T
C	I	M	Z	X	C	A	W	M	I	T	I
L	I	F	E	C	Y	C	L	E	N	O	O
Z	O	F	F	S	P	R	I	N	G	H	N
T	Q	S	P	E	C	I	E	S	Q	H	U

ANSWER WORDS

Adaptation SE

Habitat S

Life cycle E

Living S

Non-living S

Nutrition S

Offspring E

Organism SE

Reproduce E

Respond SE

Species E

Survival SE

Answer 3: Matter and Materials

Easy | 12 x 12 grid | 12 words | answer included

Q	S	O	L	I	D	B	Y	C	M	J	W
V	W	M	D	I	M	Q	A	F	A	V	Z
H	Q	C	V	O	L	U	M	E	S	G	X
F	L	B	O	I	L	I	N	G	S	A	R
P	F	Z	T	N	E	W	Q	D	S	S	V
M	Q	R	T	L	D	U	J	U	W	T	M
I	E	V	E	J	D	E	N	S	I	T	Y
X	W	L	X	E	T	V	N	F	J	D	U
T	Z	K	T	R	Z	V	U	S	W	L	O
U	R	L	U	I	Y	I	J	V	I	T	O
R	N	G	R	A	N	X	N	T	N	N	N
E	B	J	E	O	V	G	M	G	Z	L	G

ANSWER WORDS

Boiling E
Condensing SE
Density E
Freezing SE

Gas S
Liquid SE
Mass S
Melting SE

Mixture S
Solid E
Texture S
Volume E

Answer 4: Simple Machines

Easy | 12 x 12 grid | 12 words | answer included

N	S	T	S	A	F	M	L	H	G	J	B
Q	G	C	M	X	U	U	J	F	M	L	W
P	C	N	R	L	P	U	L	L	E	Y	H
P	O	M	L	E	V	E	R	C	R	V	E
M	N	F	O	E	W	U	F	O	R	C	E
T	H	W	F	T	R	U	B	F	R	U	L
J	D	E	O	Z	I	P	H	K	O	B	M
W	V	D	C	X	L	O	A	D	U	R	V
G	U	G	F	Q	M	H	N	K	T	A	T
V	N	E	I	S	N	T	J	U	V	M	G
A	C	N	W	B	L	P	R	W	I	P	B
T	M	S	U	F	Y	K	N	I	U	J	Y

ANSWER WORDS

Axle S
Effort SE
Force E
Fulcrum SE

Lever E
Load E
Motion SE
Pulley E

Ramp S
Screw SE
Wedge S
Wheel S

Answer 5: Human Body Systems

Medium | 15 x 15 grid | 16 words | answer included

U	J	A	E	A	X	X	J	A	R	E	C	M	J	D
O	D	L	U	N	G	S	Q	O	M	Q	X	A	B	N
R	H	Y	E	L	C	S	U	M	I	B	L	N	O	O
G	T	E	N	T	E	N	D	O	N	N	E	I	D	I
A	H	K	H	M	Q	S	O	N	Z	R	T	U	Y	T
N	A	Z	Q	I	E	D	S	Q	V	A	T	B	T	S
V	P	Z	H	Q	Z	T	U	E	L	W	Z	L	I	E
J	E	H	I	T	T	Z	S	U	V	E	D	T	S	G
S	W	C	R	W	B	K	C	Y	B	D	J	A	S	I
X	R	A	T	E	E	R	T	M	S	J	O	O	U	D
F	E	M	P	L	I	B	A	N	I	Y	U	O	E	T
H	Y	O	E	C	D	V	Q	I	B	G	D	S	L	S
Z	I	T	O	T	I	X	A	Y	N	U	D	O	U	B
S	O	S	Q	E	G	N	I	H	T	A	E	R	B	C
N	A	Y	O	T	F	F	R	P	Y	E	P	T	U	I

ANSWER WORDS

Blood vessel NW

Body system NW

Body tissue S

Brain SE

Breathing W

Circulation NE

Digestion N

Heart NE

Joint SE

Lungs E

Muscle W

Nerves SW

Organ S

Skeleton SW

Stomach N

Tendon E

Answer 6: Earth's Changing Surface

Medium | 15 x 15 grid | 16 words | answer included

I	C	A	J	B	E	A	M	G	A	M	H	U	I	M
Y	H	P	D	W	E	A	T	H	E	R	I	N	G	M
X	S	U	L	L	G	M	R	T	F	B	Z	C	L	F
S	U	D	T	A	Y	E	A	T	N	T	T	A	V	Z
D	J	N	Y	D	T	M	B	T	H	S	Z	P	C	J
L	A	Q	I	R	O	E	L	A	E	Q	B	F	I	I
M	I	N	E	R	A	L	B	L	N	E	U	L	X	O
U	T	S	P	Y	L	T	C	O	D	T	P	A	G	S
C	F	H	P	A	M	Y	N	R	U	S	J	V	K	W
Y	I	S	V	D	C	S	O	E	Y	N	W	A	B	E
C	L	B	V	K	O	C	I	Y	M	Y	D	Z	C	O
R	P	T	C	C	K	N	S	V	D	I	H	A	I	I
U	U	O	Q	W	S	L	O	A	V	S	D	D	R	K
S	R	V	T	E	S	W	R	W	R	J	O	E	E	Y
T	T	Z	T	S	U	O	E	N	G	I	Z	N	S	B

ANSWER WORDS

Bedrock SW
Crust S
Earthquake SE
Erosion N

Igneous W
Lava S
Magma W
Mantle NE

Metamorphic SW
Mineral E
Plate boundary SE
Rock cycle NE

Sediment NW
Sedimentary NW
Uplift N
Weathering E

Answer 7: Water Cycle and Weather

Medium | 15 x 15 grid | 16 words | answer included

W	O	L	F	M	A	E	R	T	S	L	A	V	V	M
N	O	I	T	A	M	R	O	F	D	U	O	L	C	T
O	R	S	N	E	V	A	P	O	R	A	T	I	O	N
I	O	W	H	F	W	R	K	I	E	L	S	T	N	M
T	E	C	A	L	I	J	E	D	J	U	A	E	D	A
A	P	L	T	T	Y	L	F	F	R	I	R	C	E	R
R	A	O	C	J	E	F	T	F	I	U	R	S	N	A
I	M	C	I	Y	O	R	A	R	S	U	N	I	S	I
P	R	A	R	N	C	C	S	S	A	O	Q	Y	A	N
S	E	F	U	E	E	R	E	T	W	T	N	A	T	F
N	H	R	I	W	L	R	E	F	O	B	I	K	I	A
A	T	G	A	K	P	T	A	T	D	R	O	O	O	L
R	A	T	Z	R	K	L	E	N	A	G	A	S	N	L
T	E	B	I	P	L	T	Q	C	G	W	A	G	L	S
R	W	A	C	G	R	O	U	N	D	W	A	T	E	R

ANSWER WORDS

Air pressure NE

Aquifer NW

Cloud formation W

Condensation S

Evaporation E

Groundwater E

Infiltration SE

Rainfall S

Runoff NE

Snowfall SW

Streamflow W

Surface water SW

Transpiration N

Water cycle NW

Water storage SE

Weather map N

Answer 8: Our Solar System

Medium | 15 x 15 grid | 16 words | answer included

D	N	I	T	L	I	T	L	A	I	X	A	T	Z	P
R	O	S	O	L	A	R	C	O	R	E	E	X	Q	O
H	I	I	N	N	E	R	P	L	A	N	E	T	V	X
K	S	N	V	T	X	B	G	H	A	H	E	V	R	K
M	U	V	G	E	N	V	D	L	Z	M	X	O	J	D
O	F	M	X	E	F	A	P	I	E	I	C	L	W	W
O	R	O	O	L	D	R	I	T	O	K	V	I	B	A
N	A	E	Q	O	E	P	S	G	Y	R	H	A	B	R
C	E	Y	X	T	N	Y	L	P	S	W	E	T	O	F
R	L	J	U	I	S	O	L	A	Z	A	T	T	Y	P
A	C	O	Y	R	R	A	R	F	N	R	G	E	S	L
T	U	U	A	D	N	H	X	B	O	E	Z	M	E	A
E	N	L	I	E	O	T	Z	V	I	S	T	O	J	N
R	O	C	T	P	M	Y	E	I	P	T	H	C	I	E
S	G	A	E	B	O	R	P	E	C	A	P	S	O	T

ANSWER WORDS

Asteroid belt NW

Axial tilt W

Comet tail N

Dwarf planet S

Gas giant NW

Inner planet E

Moon crater S

Moon orbit SE

Nuclear fusion N

Outer planet NE

Ringed planet SE

Rocky planet SW

Rover SW

Solar core E

Solar system NE

Space probe W

Answer 9: Cells and Genetics

Challenging | 18 x 18 grid | 20 words | answer included

C	E	L	L	D	I	V	I	S	I	O	N	Y	N	R	U	I	Y
H	G	N	I	E	T	O	R	P	S	S	E	W	O	H	D	I	V
O	O	M	A	I	R	D	N	O	H	C	O	T	I	M	O	W	G
W	C	M	Q	R	N	H	M	M	N	M	J	X	T	K	U	N	E
C	B	Y	O	O	B	I	O	A	N	D	W	W	A	D	B	H	N
S	T	J	T	L	V	M	T	N	W	U	J	B	T	X	L	J	O
U	U	W	O	B	O	I	E	S	U	Y	S	V	U	F	E	C	M
K	R	E	K	I	R	G	R	M	E	C	H	I	M	S	H	N	E
G	E	S	L	E	M	K	O	M	L	V	L	Q	B	R	E	L	D
J	P	R	H	C	V	J	E	U	V	L	U	E	O	U	L	A	O
N	L	N	E	L	U	M	C	A	S	T	E	M	O	G	I	E	C
Y	I	F	O	A	O	N	R	S	M	P	O	C	D	T	X	A	C
Y	C	Z	P	S	Y	I	L	E	R	S	A	H	X	V	I	S	I
G	A	U	O	P	A	X	V	L	O	Z	M	I	I	S	S	D	T
B	T	B	E	T	H	N	D	M	E	C	T	T	R	C	N	X	E
E	I	K	I	A	L	L	E	L	E	C	F	O	F	T	W	C	N
R	O	O	L	S	C	Y	T	O	P	L	A	S	M	W	L	G	E
E	N	I	T	U	E	A	M	I	T	W	A	C	J	U	H	A	G

ANSWER WORDS

Allele E

Cell division E

Cell membrane NW

Cell nucleus NW

Chromosome SW

Cytoplasm E

DNA W

Double helix S

Gene N

Genetic code N

Genome S

Homologous pair SE

Inheritance NE

Mitochondria W

Mutation N

Nucleotide SE

Protein W

Replication S

Ribosome NE

Variation SW

Answer 10: Chemistry Foundations

Challenging | 18 x 18 grid | 20 words | answer included

V	N	S	N	M	T	G	C	M	Y	T	N	E	V	L	O	S	R
Y	B	S	Q	X	V	F	U	U	T	E	W	O	V	N	C	S	U
A	R	A	W	G	L	B	K	Z	Q	S	P	E	T	H	N	U	U
X	E	M	E	M	Y	Z	H	N	K	A	L	R	E	O	O	U	R
F	A	F	C	Q	Q	Z	E	V	H	B	D	M	O	M	R	O	Y
W	C	O	N	C	E	N	T	R	A	T	I	O	N	D	T	P	Z
Q	T	N	F	S	R	Q	F	T	G	C	I	F	V	A	U	O	N
B	A	O	C	R	V	E	C	H	A	C	W	R	C	Q	E	C	A
F	N	I	F	U	E	I	B	L	E	V	B	I	W	X	N	Y	T
I	T	T	V	R	D	E	B	M	W	O	D	R	B	E	T	U	R
S	K	A	Z	O	S	O	U	C	U	N	B	D	B	L	U	W	D
O	Q	V	I	D	N	O	B	C	I	N	O	I	C	E	E	R	X
T	B	R	W	D	I	M	L	X	P	D	C	L	M	C	X	B	F
O	E	E	K	U	L	W	F	U	Z	Z	P	I	N	T	B	X	U
P	H	S	C	A	L	E	G	V	T	Q	L	M	M	R	W	R	N
E	W	N	N	D	N	O	B	T	N	E	L	A	V	O	C	J	C
A	T	O	M	I	C	N	U	C	L	E	U	S	D	N	T	P	V
B	L	C	S	K	U	A	K	H	I	Y	L	M	Q	K	C	A	O

ANSWER WORDS

Acid SW

Atomic nucleus E

Atomic number NW

Base N

Chemical bond SW

Concentration E

Conservation of mass N

Covalent bond W

Electron S

Indicator NE

Ionic bond W

Isotope S

Neutron N

Periodic table NE

pH scale E

Product SE

Proton NW

Reactant S

Solute SE

Solvent W

Answer 11: Forces, Energy, and Waves

Challenging | 18 x 18 grid | 20 words | answer included

T	V	Y	I	O	A	N	R	K	L	G	G	I	F	M	I	A	G
L	A	T	Q	N	O	E	O	I	Y	C	N	E	U	Q	E	R	F
A	Z	N	P	Y	W	Z	G	I	S	O	U	N	D	W	A	V	E
Z	R	G	E	O	G	H	A	I	T	R	E	N	I	V	X	E	Q
M	V	T	P	T	T	R	E	F	R	A	C	T	I	O	N	L	Z
E	C	L	G	W	F	E	E	P	U	M	R	T	W	L	Y	O	G
C	J	X	A	O	V	O	N	N	U	Z	A	B	N	N	F	C	H
H	L	V	P	R	U	A	R	T	E	T	K	Z	I	J	Z	I	T
A	E	W	A	K	M	S	N	C	I	C	Z	I	U	V	N	T	G
N	P	Q	I	K	M	E	U	O	E	A	I	X	I	B	O	Y	N
I	K	F	Q	Z	M	V	N	Z	D	N	L	T	Q	T	I	G	E
C	J	A	K	O	V	A	M	P	U	S	P	E	E	D	T	D	L
A	V	G	M	E	L	I	A	F	T	D	T	E	N	N	C	Y	E
L	T	P	I	F	W	B	W	N	I	C	Y	E	V	E	I	L	V
W	Y	N	O	I	T	A	R	E	L	E	C	C	A	F	R	K	A
A	R	R	K	E	X	O	T	K	P	T	U	J	E	V	F	G	W
V	C	T	Z	B	C	Z	H	S	M	D	U	E	L	W	N	J	Y
E	C	M	D	Z	X	A	W	C	A	T	M	E	P	R	U	S	D

ANSWER WORDS

Acceleration W

Amplitude N

Frequency W

Friction N

Gravitational force SW

Inertia W

Kinetic energy NW

Light wave SW

Mechanical wave S

Momentum NE

Net force SE

Potential energy SE

Power NE

Refraction E

Sound wave E

Speed E

Velocity S

Vibration NW

Wavelength N

Work S

Answer 12: Ecosystems and Change

Challenging | 18 x 18 grid | 20 words | answer included

G	K	N	E	X	A	O	C	A	J	V	O	R	P	H	X	M	Y
T	R	O	P	H	I	C	L	E	V	E	L	C	I	F	B	T	X
K	L	S	E	I	C	E	P	S	E	V	I	T	A	N	I	I	C
Z	C	B	I	O	D	I	V	E	R	S	I	T	Y	C	Q	I	O
T	F	O	M	H	G	F	N	A	R	Z	C	K	A	K	N	S	M
D	W	N	N	V	Z	W	Q	L	U	I	Z	P	Q	V	O	W	M
D	B	O	M	S	I	T	I	S	A	R	A	P	A	W	I	T	E
M	S	I	L	A	U	T	U	M	V	C	R	S	R	U	T	C	N
R	O	T	O	F	X	M	J	O	G	E	I	O	F	O	A	X	S
E	C	I	Q	M	Y	X	E	N	Y	V	T	G	O	O	L	Y	A
C	Q	T	Z	R	E	G	I	R	E	A	C	D	O	M	U	M	L
U	G	E	P	A	N	Y	R	S	D	X	N	E	D	L	P	I	I
D	E	P	C	T	R	A	P	E	H	I	Q	T	W	D	O	T	S
O	D	M	C	R	Z	E	R	Y	N	O	J	R	E	P	P	C	M
R	Y	O	A	N	C	P	W	Y	H	E	U	I	B	P	J	Q	E
P	K	C	C	I	P	F	G	I	P	E	B	T	T	T	Z	V	W
R	I	L	E	Z	G	Y	V	J	B	R	J	U	F	Q	S	T	H
W	V	S	U	C	C	E	S	S	I	O	N	S	B	X	X	O	S

ANSWER WORDS

Biodiversity E	Consumer SE	Invasive species SW	Predator NE
Biome SE	Detritus S	Mutualism W	Prey SW
Carrying capacity NE	Ecological niche NW	Native species W	Producer N
Commensalism S	Energy flow NW	Parasitism W	Succession E
Competition N	Food web S	Population N	Trophic level E