

/ Name:	·	١
Grade:	_Section:	
Academic Year:_		

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Part 1	
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Name:	Date:

Lesson 1: Observe Matter (use with pages 6-15)

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Words to Know: Write the word next to the description it matches.

	solubility	measure	observe
		is the proces	s you use your senses to gather
-	nation about.		6
	ves in another material.	is a property	of material that refers to how well it
		is comparing	a property to a standard unit, or val
for th	at property.		
or Fa	lse: Write T if the statem	ent is correct a	nd F if not, then correct the mistake:
	1. Pound is a unit used	I to measure the	distance between two points.
			·
	2. Using standard unit unt you refer to.	s means that so	meone else will be able to know the
ct amo	unt you refer to.		meone else will be able to know the material takes up is called "volume".
ct amo	unt you refer to 3. The measure of how	v much space a i	·
et amo	unt you refer to 3. The measure of how 4. all substances have t	v much space a i	material takes up is called "volume".





was so thic	do you think t	orm properly i	n the cup, her	me flour with a mother advise bility? Think of	d her heat u	the
						_
						_
						_



ame:		Date:			
SO	n 2: Model Matte	er (use with pages	16 – 25)		
	Words to Know:	Write the word	next to the description	it matches.	
	Atom	Molecule	Atomic Theory	compound	d
	1. The atoms f diff	ferent elements o	are joined together in a	particular way	to form a
c	alled a		ound that still has the pr		
	3. The smallest pa	rt of an element	that still has the proper	ties of an elem	ent is called a
١.	4. The idea that e	everything is mad	 de of small particles is k	nown as	
り			·		
<u>7</u>	True or False: Write	e T if the stateme	ent is correct and F if no	ot, then	do an experime
<u>c</u>	orrect the mistake	<u>::</u>			
	1. Th	ne atom can be s	een with a regular micro	oscope.	M REE
	2. The	water molecule	is made out of hydroger	n and oxygen a	toms. ·
	3. Cha	nging the kinds o	of atoms in a molecule r	esult in a differ	ent molecule.
	4. Ever	n when mixed, el	lements and molecules s	still keep their ເ	 Inique propert
_	5. If we	e replace the ato	oms that form water, hyd	drogen and oxy	gen, we will h
_			un of sugar in water tha	t mean the suo	



)	Is a compound simply a mixture of two or more elements? explain?				



Part 1 Name: _____ Date: _____

•	
) If
	1 11
	1 11
	/ 🛦
	/

/		word next to the descripti	
	mass	temperature	volume
		is the amount of s	
			how fast the particles move.
3. <u> </u>		is the amount of n	natter in a substance.
True	e or False: Write T if th	e statement is correct and	F if not.
1	Gases <u>do not</u> have	any color.	
2	Graduated cylinde	r is used <u>to find the volume</u>	of a liquid.
3	Sandpaper has a <u>rc</u>	ough texture.	
<u>Exp</u>	lain: write your answe	er on the space provided.	
	why might scientists i ect?	measure the mass of an obj	ect rather than the weight of
	at do you know for car	tain about the particles that	t make up a very hot liquid?

\	Ap	oly Concepts	
פ	6.	you have been given an orange liquid and told to describe its properties.	What
m	ethod	s would you use to observe, measure, and describe the physical properties	of this

orange liquid without changing it?



Name: _____ Date: ____

Lesson	1: States of Matte	(use with pages 48 –	55)			
	Words to Know: Write the word next to the description it matches.					
	solid	liquid	gas			
1.		a substa	ance that has a definite shape and v	volume.		
2.		a substa	nnce without a definite shape or vol	lume.		
3. sha		a substa	ance that has a definite volume but	no definite		
Д	•	e T if the statement is	correct and F if not, then correct t	the mistake:		
	1. Water	has more than three	forms.			
	2. The pa	rticles of the gases <u>are</u>	<u>e far apart</u> from each other.	·		
	3. Boiling	point of a liquid is the	e temperature at which it occurs.			
	4. There	are <u>three</u> states of mo	atter: solid, liquid, and gas.			
_				— '		



5. Dew forming on grass is **an example of condensation**.



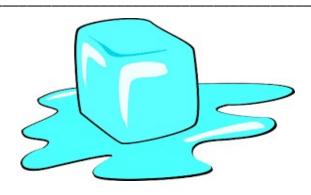
1.	Look at the illustration. What causes the phase change of water shown in the
illu	stration? How do you know?

Part 2 Date:

Name	: Date:
Lesson	2: Physical Changes (use with pages 56–63)
	Words to Know: Write the word next to the description it matches.
	Physical change Establish
1 for	Is a change in some properties of matter that does not m a different kind of matter.
2.	to demonstrate or show something.
Д	True or False: Write T if the statement is correct and F if not, then correct the mistake:
	1. Breaking a glass is a Physical change .
we	2. The railroad track appears to be warped or bent because of the Train ight
oni	3. If the temperature of a liquid is high enough, particles will change to a gas ly at the surface, but also throughout the liquid.
	4. A physical change occurs when matter changes state, as from a liquid to a gas.
 the	5. When the temperature gets cold enough, the particles can only vibrate in place are cannot slide past each other so the liquid becomes a solid.







						Part 2
Name	::			E)ate:	
Lesson	3: Chemical Cha	nges (use with pages	64 – 73)			
	Words to Know: N	Nrite the word next	to the des	cription it	matches.	
Ch	emical change	Conservation of	matter	Rust	Chemical re	action
1	1	a ne	w substanc	e that res	ults when iron is	s left outside.
int 3 int 4.	to other types of ma 3 to one or more new 	a change of the control of the contr	roperties. hen you obs law states t	serve one o	or more substai	nces change
		ite T if the statemen		t and F if n	<u>ot.</u>	
-	2. Chemic	cal changes can hap	pen only a	t high tem	peratures.	-
- 	3. All Che	mical changes occui	really fast	:. 		·
	1 an incr	ease in temnerature	o usually sk	ows down	a chemical reac	rtion

_5. Evidence of chemical change may include the release of heat or light only.

j		
	8	

)	1. What are the differences between the chemical change and physical change?					
_						

Name:	Part 2
Lesson	4: Mixtures and Solutions (use with pages 78 – 85)
Д	Words to Know: Write the word next to the description it matches.
	Mixture Solution
	is a mixture in which substances are spread out evenly d do not settle to the bottom of the container.
2 ead	is when different materials are placed together, but ch material in the mixture keeps its own properties.
	True or False: Write T if the statement is correct and F if not. 1. All parts of a mixture can be easily separated from the rest of the mixture.
	2. The substance that in dissolved in a solution is called the solute .
	3. All solutions are made by dissolving a solid in a liquid.
	4. A gas cannot be dissolved in a liquid.
	5. If someone mixed sugar with salt, he cannot separate it easily.
	·





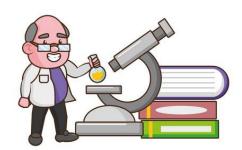
to separate a solution, you have to cause a physical change to one or more of its components, explain how?



Name:		Date:		
1:	Geosphere and Biospl	here (use with pages 102 – 109)		
<u>w</u>	ords to Know: Write the	word next to the description it	matches.	
	Lithosphere	Biosphere	Geosphere	
ı		is an earths system the	at includes all living things,	
i. 5.	ncluding humans.	is the earth system tha	t includes rocks, soil, and	
s	ediments.			
6 is made up of the outer, rocky parts of ear includes the crust and the outer, rigid part of the mantle.				
7	rue or False: Write T if th	ne statement is correct and F if	not.	
<u>-</u>				
_	1. Living things	can be found <u>in the biospher</u>	<u>re</u> .	
	2. Rivers, lakes, g	laciers and oceans are part o	f the lithosphere.	
	2 Air water and	the area and initial but the	and part of the geographers	
	3. Air, water, and	the sun are nonliving, but <u>they</u>	are part of the geosphere	
	4. The lithosphere	is not only the outer layer of la	nd, it also <u>forms the botto</u>	
the	ocean.			
	•			
<u>Te</u>	ell if statement is TRUE o	r FALSE. Explain your choice.		
	1. The biosphere is abl	e to support so many kinds of li	ving things.	
	This statement is	because		
2.		amaged or missing, the system		
	This statement is	because		



1. Explain how each of earths four spheres contributes to the existence of life.				



Name:	Date:
vame:	Date:

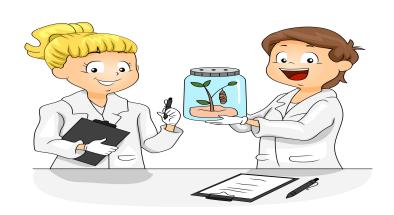
Lesson 2: Hydrosphere and Atmosphere (use with pages 110 –119)



Word	ls to Know: Write the	word next to the description	on it matches.	
•	hydrosphere	atmosphere	distingu	ish
1		is the layer of mixed	d gases that surr	ounds earth.
2		is all the water on,	under, or above	earth's surface.
3		to make a clear dif	ference.	
True	or False: Write T if tl	ne statement is correct and	F if not.	do an experimenz
atr	1. Nitrogen and mosphere.	d oxygen_are the main gas	ses in the	
	2. the atmosphe	ere allows all kinds of rays to	pass through.	
	3. an example o	f hydrosphere and atmosph	ere working toge	ether is a hurricane
	4. The hydrosph	ere is made up of mostly fre	esh water.	
	5. Earths sphere	es do not interact with one a	inother.	
	6. Sunburn is ac	tually caused by ultrasound		
	7. The pressure o	f the air affects the kind of μ	orecipitation tha	t will fall.



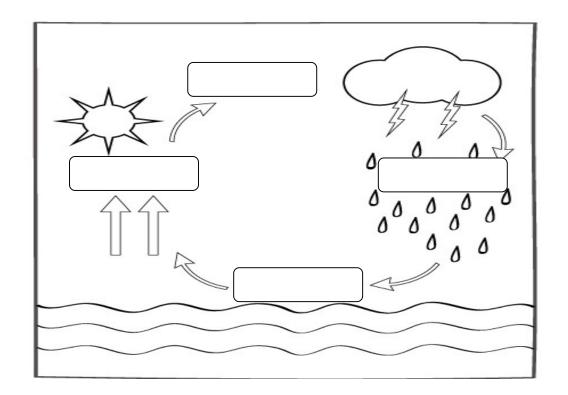
y	1. Think of an interaction between lithosphere, atmosphere, hydrosphere, bios	phere
an	describe it your way.	
_		
_		
_		
_		



Name:		Date:	
esson 1: water cycle	, use with pages 144– 153)		
Words to Know	Nrite the word next to t	he description it matcl	hes.
precipita	on condensation	evaporation	water cycle
1 vapor.	is the	process of changing liq	uid water into water
2	is the o	change from water vap	or to liquid water.
3	is the c	ontinuous movement c	of water on Earth.
4	water f	alls in clouds as rain, sr	now, sleet, or hail.
True or False: W	ite T if the statement is	correct and F if not.	
1. Sle	et is a type of precipita	<u>tion</u> .	
2. Ho	develops in freezing t	emperature.	
3. W	iter cycle <u>can affect</u> the	e climate.	
Explain: Tell if e	ch statement is true o	r false. Explain your o	choice.
1. The water cycle	is the result of weather	and climate.	
This statement	5 bec	ause	
•	s no effect on water's p		



1.	Describe how water travels through the water cycle. Then label the given picture below using the word bank provided.
_	



collection precipitation condensation evaporation

Name	2:		Date	Part 4
Lesson	2: Eart	h's Freshwater (us	se with pages 154 – 161)	
	Words	to Know: Write the	word next to the descriptio	n it matches.
		Aquifer	Glacier	Reservoir
1			is a slowly moving body	of ice on land.
2	2		is underground water	supplies.
ź	3		is places to collect and	I store water.
	<u>True oi</u>	r False: Write T if the	e statement is correct and F	if not.
_		_1. Water <u>covers m</u>	oost of the Earth's surface.	
		2. <u>All</u> of the Ear	th's water <u>is fresh water</u> .	Control of the second
		3. Water in the	river <mark>moves downhill.</mark>	
Д	<u>Tell if s</u>	tatement is TRUE or	FALSE. Explain your choice	· west
	1. N	Nost of the water or	n Earth is ready to drink.	
	This sta	tement is	because	
2.	Ocean v	water, river water,	and well water are all type	es of surface water.
	This sta	tement is	because	





1. A sales person for a bottled water company says that the water is taken straight from a river and put into the bottle. Is he telling the truth?



e:			Date:	
3: Ea	nrths Ocean (use with	pages 162 – 173)		
Wor	ds to Know: Write the	word next to the desci	ription it matches.	
	Circulation	Tides	Salinity	
		is the rising and	falling patterns caused b	y the pull o
avity. 2		is the amount of	salt dissolved in water.	
3		is a swirling mot	ion of ocean water aroui	าd the globe
<u>True</u>	or False: Write T if the	e statement is correct (and F if not.	
		ere can be divided into	two main sections, salt w	ater and
esh wa				
	2. Deep ocean wa	ter receives more sunli	ght than surface water.	
	3. Surface curren	ts are caused by wind.		
<u>Tell i</u>	if statement is TRUE o	r FALSE. Explain your o	hoice.	
1. ali	l oceans have the same	e salinity.		
Th	is statement is	because		
	nimals living in the oce	an suffer when oil coats	s the water.	
TI	his statement is	because		



		Part 6
Name	<i>:</i>	Date:
Lesson	1: Brightness of the sun and	other stars (use with pages 236 – 245)
Д		
	Words to Know: Write the work	d next to the description it matches.
	Star	solar flares
	rticles to explode into outer space	_ is when energy heats the sun so much that it causes e.
2	?	_ Is a huge ball of very hot matter that gives off energy
	True or False: Write T if the sta	tement is correct and F if not.
	1. Stars are gigantic balls	
	2. the atmosphere of the	
	3. Stars are always in the	
П	or ocaro are armayo in are	. sume prace.
	<u>Tell if statement is TRUE or FAL</u>	SE. Explain your choice.
	1. The sun is one of the larges	t stars in the galaxy.
	This statement is	
		brighter than stars that are not as hot.



9. If you look at Explain.	a star at 7 p.m. and a	again at 9 p.m., will it b	e in the same spot?

to Know: Wri	A natural o	lescription it matches. Inner planets bject that revolves arou	
Moon	Solar system A natural o	Inner planets bject that revolves arou	
	A natural o	bject that revolves arou	
	The four clo		ınd a planet
		sest planets to the sun.	
	is a system o		
		f eight planets and the su	n along with
	the curved pa	th of an object around a s	star, a planet, oi
False: Write 1	if the statement is corre	ct and F if not.	
1. There o	are <u>10 planets r</u> evolving	around the sun.	
2. Objects	in the solar system <u>do i</u>	not stay in their orbits.	
_3. Venus is	the f<u>ourth planet</u> i n the	e solar system.	
atement is Ti	RUE or FALSE. Explain yo	ur choice.	
-	-		
			
	1. There of2. Objects _3. Venus is3. Venus is3. of Earth's gr	1. There are 10 planets revolving 2. Objects in the solar system do in the3. Venus is the fourth planet in the3. Venus is the fourth planet in the3. The attended in the planet is TRUE or FALSE. Explain your of Earth's gravity keeps Earth in its or	Talse: Write T if the statement is correct and F if not.



2. What causes	Venus to be one of the brightest objects in the night sky?	

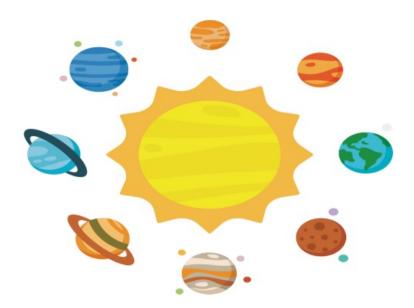
ne:		Date	e:
n 3: Outer sol	lar system use with	pages 254 – 261)	
Words to Kno	ow: Write the word	next to the description	it matches.
•	Outer planet	asteroid	comet
		s chunks of ice and dus	t or rock that have stretched-out
orbits around th		s chunk of rock that ma	easures in size from meter to
everal kilomete		s chank of rock that the	usures in size from meter to
	3. TI	ne four planets in our sc	olar system beyond Mars.
True or False	: Write T if the state	ement is correct and F i	f not.
1.	Jupiter has only one	e moon.	
2.	Uranus rotates to it	s side.	
3.	Several probes have	been sent to explore th	he outer planets.
Tell if statem	ent is TRUE or FALS	SE. Explain your choice	<u>-</u>
1. Saturn is	the only planet tha	t has rings that orbit it.	
This staten	nent is	because	·
2 Junitar ha	vo a longroy day the	Counth	
2. Jupiter na	ıs a longer day than	EUITN.	
This stateme	ent is	because	
			



1. Study the picture.	Which planet is shown	? Describe three	characteristics of	of this
planet.				

2. Enumerate the 8 planets starting nearest from the Sun.

- 1. _____5. ____
- 2. ______ 6. _____
- 3. ______ 7. _____
- 4. ______ 8. _____



Nan	ne:		_ Date: _	_/	/	
Lesso	on 1: Earth Gr	avitational Force (u	use with pages 278-283)			
	Words to know	Write the word next to	o the description	it matc	hes.	
		Gravity	Exert			
_		1. To apply s	strength or effort			
_		2. A force th	nat pulls objects to	oward e	ach other.	
	TRUE or FALSE:	Write T if the statemen	nt is correct and F	if not.		
	1. Only objects that have small amounts of mass exert, or apply, gravitational forces that you can feel.					
	2. Earth's gravity always pulls objects toward Earth's center.					
		e gravity of the sun hold rbits.	ds Earth and othe	r object	s in space in their	
	Explain: Tell if e	ach statement is true o	or false. Explain y	our cho	<u>ice. Give an</u>	
	1. Gravity is a crise.	onstant force. It cannot	t be "turned off,"	even wh	าen objects float or	
	This statement	is				
	because					
	2. Everything tha [his statement is _	t has mass <u>exerts</u> , or ap	plies, an electrica	al force (on other objects.	
,						

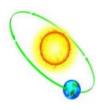


1.	-	gnt scient bject? Exp	re tne mas:	s of an obje	ct ratner the	an tne weignt

Words to know	w: Write the word next to	the description it mate	<u>ches.</u>
axis	revolution	rotation	pattern
	1. One full o	rbit of an object around	another object.
	2. An imagin	ary line that goes throu	igh the center of
	object.	, -	
	3. Objects or	events that occur in the	e same order or
	manner.		
	4. One whole	e spin of an object aroui	nd its axis.
TRUE or FALSE:	Write T if the statement	is correct and F if not.	
	th is the center of the uni	verse.	
1. Ear	rth is the center of the uni e rotation of the earth is v		
1. Ear	-	what we call a year.	change.
1. Ear 2. One 3. The	e rotation of the earth is vernime number of daylight hour	what we call a year. ss change as the season	change.
1. Ear 2. On 3. The 3. Explain: Write	e rotation of the earth is we number of daylight hour	what we call a year. s change as the season se provided	change.
1. Ear 2. On 3. The 3. Explain: Write	e rotation of the earth is vernime number of daylight hour	what we call a year. s change as the season se provided	change.

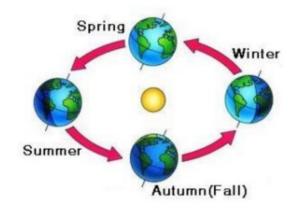
2	. During the da	v, the sun	appears to	nove across	the sk	v because o	f Earth's
_	g	,,	J. P. P. J.			,	,

revolution.			
This statement is _	 because _		
· · · · · · · · · · · · · · · · · · ·			





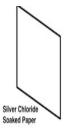
•	at causes Eart ring its revolut	· ·	-	arth is always	tilted the



Words to	know: Write the word	d next to the	description	it matc	:hes.
	shadov		constellat		
	1. <i>A</i>	A dark area o	r shape mad	le by an	object or organi
	blocking a source	of light.			
	2. Ir	naginary pict	tures formed	l by stai	rs that are used t
					is that are asea t
TRUE or I	help identify star FALSE: Write T if the st 1. A larger shadov	s. atement is c o			\
TRUE or F	help identify star FALSE: Write T if the st	s. atement is c o			\
<u>TRUE or F</u>	help identify star FALSE: Write T if the st 1. A larger shadov closer to the light2. The shadow is low3. Many stars that o	atement is conversely will from if a source. In ger at noon are farther the	you move th time.	e objec	et .
<u>TRUE or F</u>	help identify star FALSE: Write T if the st 1. A larger shadov closer to the light2. The shadow is lo	atement is conversely will from if a source. In ger at noon are farther the	you move th time.	e objec	et .
	help identify star FALSE: Write T if the st 1. A larger shadov closer to the light2. The shadow is lor3. Many stars that o are much brighte	atement is conversely will from if a source. In ger at noon are farther there.	you move th time. an the sun f	re objec	rth
Explain: example.	help identify star FALSE: Write T if the st 1. A larger shadov closer to the light2. The shadow is lor3. Many stars that o are much brighte	atement is conversely will from if a source. The graph of a source of a source farther the arction of a source or false	you move th time. an the sun f	rom Ea	rth





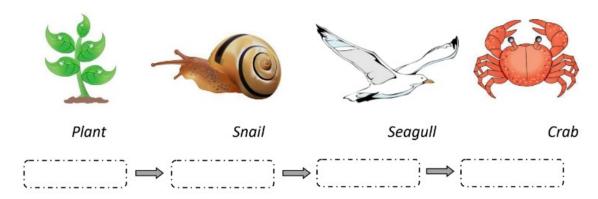


This statement is	because	
This statement is	because	
		
		
Apply concepts		
	test or the higgest star in the un	iverse vet we o
	test or the biggest star in the un	iverse, yet we a
		iverse, yet we a
1. the sun is not the bright		iverse, yet we a
1. the sun is not the bright		iverse, yet we a
1. the sun is not the bright		iverse, yet we a
1. the sun is not the bright		iverse, yet we a
1. the sun is not the bright		iverse, yet we a
1. the sun is not the bright		iverse, yet we a
1. the sun is not the bright		iverse, yet we a
1. the sun is not the bright		iverse, yet we a

Name:			Date	e://	Part 8
esson 1:	Energy and Fo	••••••••••••••••••••••••••••••••••••••	_ · _ · _ · _ · _ · 27)		
Word	ls to know: Write	the word next to th	e descript	tion it matches.	
	herbivore	carnivo	re	omnivore	
	energy.	2. Animals that	can eat b	ly other animals for oth plants and animals and animals and animals.	
<u>TRUE</u>		T if the statement is evels sort animals ar		nd F if not. according to what co	overs their
		ake their own food, s s are at the top of fo	-		
<u>Label</u>	each organism as	s a producer, consur	ner, or de	ecomposer.	
6			W.		
<u></u>				<u> </u>	
, ₁					



1. Put these organisms in order according to how energy moves between them in the food chain: PLANT, SNAIL, SEA GULL, CRAB. Describe the role of each organism in the food chain.



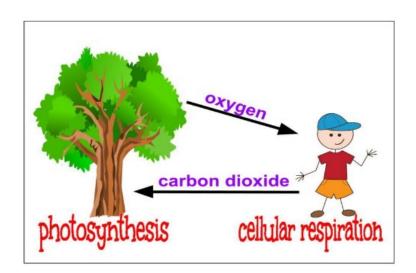
Organism	Role in the Food Chain
Crab	
Plant	
Sea gull	
Snail	

ame:			<u> </u>	Date://				
son 2: How _I	plants N	Take Food (use with pages 328	3-337)				
Words to ki	now: Writ	te the word ne	ext to the des	cription it mat	ches.			
S	p	hotosynthesis	ch	lorophyll				
	energy			se in plant cells n photosynthes				
	carbon	·	•	ants use to ma nd producing ox	-			
	lioxide	Oxygen	Sugar	Sunlight	the box. Water			
	lioxide 1. M	Oxygen lost often this	Sugar is absorbed b	Sunlight y the roots.	Water			
	lioxide 1. M 2. Thi	Oxygen Tost often this is is the source	Sugar is absorbed b of energy use	Sunlight y the roots. ed to make sug	Water ar.			
Carbon d	lioxide 1. M 2. Thi	Oxygen Tost often this is is the source	Sugar is absorbed b of energy use	Sunlight y the roots.	Water ar.			
	lioxide 1. M 2. Thi 3. Thi	Oxygen Tost often this is is the source is enters the pl	Sugar is absorbed b of energy uso ants through	Sunlight y the roots. ed to make sug	Water ar. e bottom of th			
Carbon d	lioxide 1. M 2. Thi 3. Thi	Oxygen Tost often this is is the source is enters the pl	Sugar is absorbed b of energy uso ants through	Sunlight y the roots. ed to make sug the holes at th	Water ar. e bottom of th			
leaves.	lioxide 1. M 2. Thi 3. Thi 4. Wh	Oxygen Tost often this is is the source is enters the plane of the chlorogone.	Sugar is absorbed b of energy use ants through	Sunlight y the roots. ed to make sug the holes at th	water ar. e bottom of the			
leaves.		Oxygen Tost often this is is the source is enters the plane of the chlorogone.	Sugar is absorbed b of energy use ants through	Sunlight y the roots. ed to make sug the holes at th more sunlight,	water ar. e bottom of the			
leaves. be made. bottom of the	1. M1. M2. Thi3. Thi4. Wh5. Dulleaves. if each st	Oxygen Tost often this is is the source is enters the planen the chlorogonal ring photosynters true the planen the chlorogonal ring photosynters true the chlorogonal ring photosynters the chlorogonal ring photosyn	Sugar is absorbed b of energy use ants through clasts absorb thesis, this is a	Sunlight y the roots. ed to make sug the holes at th more sunlight, release through	water ar. e bottom of the more of this continue the holes at the			
leaves. be made. bottom of the leaves. Explain: Tell 1. Cellular resp	lioxide1. M2. Thi3. Thi4. Wh5. Dulleaves. leaves.	Oxygen Tost often this is is the source is enters the planen the chlorogonal ring photosynte is true cours mostly in	Sugar is absorbed b of energy use ants through clasts absorb thesis, this is a	Sunlight y the roots. ed to make sug the holes at th more sunlight, release through	water ar. e bottom of th more of this co the holes at the			

2. To reduce transpiration, r	many desert plants open their stomata only at night.
This statement is	because



1. Expla energy.	iin now photos	synthesis and	cellular resp	iration wori	c together to	give plan



son 3: l		use food (use with	pages 338-345)		-
<u>Word</u>	ds to know: Write endotherm	e the word next to		metabolism	
	its body.	1. An animal	that depends (on its environmen	it to w
	and build	2. The chemid molecules.	cal processes a	ınimals use to bre	ak do
	their boo	3. An animal dy at a steady tem		gy from their bod	'y to k
TRUE	or FALSE: Write	T if the statemen	t is correct and	I F if not.	
	1. 37 °C (98	3.6 °F) That is the	normal body te	emperature for a	huma
	2. the speed tempera	d of an ectotherm ture.	a's metabolism	does not depend	on
	3. Locomot another	or movements inv place.	olve moving ti	he body from one	place
<u>Explai</u>	in: Tell if each sta	itement is true or	false. Explain	your choice.	
1. Th energ		y in an animal's fo	ood can be trai	nsformed into the	thern

Apply col	ncepts				
	g, shaking, b the difference ent.	_	_	•	

<u>v</u>	Vords to know: \	Write the word next to	the description it mo	atches.
	Ecosystem	Abiotic	Biotic	community
		1. Living part	of an ecosystem.	
	inte	ract.	ving things and nonliv ms living in an ecosys	
		4. Nonliving p	parts of an ecosystem	
, T	RLIF or FALSE: W	rite T if the statement	t is correct and F if no	,
<u>π</u>	1. The	Vrite T if the statement biotic parts of an ecos ne as the tallest tree on	ystem can be as smal	
<u>TI</u>	1. The larg 2. The	biotic parts of an ecos	ystem can be as small Earth.	as a bacterium c
<u>TI</u>	1. The larg2. The as n3. Ecos	biotic parts of an ecos ne as the tallest tree on community's members	ystem can be as small Earth. s depend on one anot e. They can be as sma	as a bacterium o
	1. The larg 2. The as n 3. Ecosor lo	biotic parts of an ecos ne as the tallest tree on community's members nates or protection. systems can be any size	ystem can be as small Earth. s depend on one anot e. They can be as sma rest. false. Explain your ch	as a bacteriunt her to fill need Il as a drop of

This statement is	because
Apply concepts	
1. Water, temperature, (and sunlight determine the number and types of org
	and sunlight determine the number and types of org ystem, explain how these factors affect the diversit
	7. 7
	7. 7
	7. 7

Nam	e:		Date:/				
Lesso	n 2: Organisms	within Ecosystems	3				
	Words to know:	Write the word next to	the description it ma	tches.			
	Producer	Decomposer	Microbe				
	Food chain	Food web	Consumer				
		1. An organisn	n that is too small to :	see.			
	2. An organism that breaks down the bodies of dead organisms. 3. A model of the transfer of energy that shows how al of the organisms in an ecosystem interact that looks like overlapping food chain. 4. An organism that can make its own nutrients, usuall						
_		n energy from the sun.	it shows how matter	·			
_	as t	6. An organism perbivores, carnivores, a		other to survive, such			
	TRUE or FALSE: W	rite T if the statement i	is correct and F if not	<u>•</u>			
-	1. Food	l chain is ordered from d	consumer to producer	<i>′</i> .			
_	2. Omn	ivores eat both plants a	nd animals.				
_		out producers, matter an anisms in an ecosystem.	• ,	be available to other			



1. the consumers get the	
This statement is	because
2. small fungi and bacteri	a are examples of decomposers.
This statement is	because
Apply concepts	
. Imagine that decompo	sers don't exist, explain what will happen to the
	sers don't exist, explain what will happen to the ood chain and food web will be affected?
. Imagine that decompo	• • •
. Imagine that decompo	• • •

on 3: Change V	Within Ecosystems		
Words to know	v: Write the word next t	to the description it ma	atches.
	succession	competition	
liı	1. When two	o or more organisms ne ve.	eed to use the sa
	2. A series o	of changes in a commun	ity of an ecosyst
		, ,	, , ,
TRUE or EALSE.			
1. W	hen plants and animals		
1. W	When plants and animals alled primary succession	s return to disturbed or n.	damaged land, l
1. W cc	When plants and animals alled primary succession he number of each speci	s return to disturbed or n.	damaged land, l
1. W cc	When plants and animals alled primary succession	s return to disturbed or n. ies changes over time to	damaged land, i o maintain stabi
1. W ccc2. Th oj	When plants and animals alled primary succession he number of each specific the ecosystem.	s return to disturbed or n. ies changes over time to another plant, most like	damaged land, i o maintain stabi
1. W ccc2. Th oj3. If	When plants and animals alled primary succession he number of each specified from the ecosystem.	s return to disturbed or n. ies changes over time to another plant, most like or false. Explain your ch	damaged land, i o maintain stabi ely both will surv
1. W co	When plants and animals alled primary succession he number of each specific the ecosystem. The plant competes with a cach statement is true of the ecosystem.	s return to disturbed or n. ies changes over time to another plant, most like or false. Explain your ch ny ecosystem is shortage	damaged land, in a maintain stabiled of maintain stabiled of will survention of water and the supply o
1. W co	When plants and animals alled primary succession the number of each specific the ecosystem. The plant competes with a seach statement is true of a racteristics of a health and a seach statement is true of a seach seac	s return to disturbed or n. ies changes over time to another plant, most like or false. Explain your ch ny ecosystem is shortage	damaged land, in a maintain stabiled of maintain stabiled of will survention of water and the supply o
1. W column colum	When plants and animals alled primary succession the number of each specific the ecosystem. The plant competes with a seach statement is true of a racteristics of a health and a seach statement is true of a seach seac	s return to disturbed or n. ies changes over time to another plant, most like or false. Explain your ch y ecosystem is shortage	damaged land, in a maintain stabiled of maintain stabiled of will survention of water and the supply o
1. W constant of the character of the character of the character of the character of the statement of the character of	when plants and animals alled primary succession the number of each specific the ecosystem. The plant competes with a cach statement is true of a racteristics of a health of the course a forest, during the first a forest, during the first alleger the course the course of the course	s return to disturbed or n. ies changes over time to another plant, most like or false. Explain your chay ecosystem is shortage	damaged land, in a maintain stability both will survivoice. The in supply of wo



, ,	5	umber and types of orgo ctors affect the diversity	