


Grade 7/8/9 Learning at Home Materials Set #2

	Monday	Tuesday	Wednesday	Thursday	Friday
Read (20 minutes or more)	Choose and begin viewing movie for writing assignment.	Finish viewing movie for writing assignment.	Read something of interest to someone else in your family (e.g. a sibling, a parent, a pet, an aunt or uncle, etc)	Read for 25 minutes somewhere outside.	Read for 25 minutes somewhere dark using a flashlight.
Move Your Body (2 X 30 minutes or more)	"Ring of Fire Version 1"	"Topsy Turvy Tuesday"	"Ring of Fire Version 2"	"Full Throttle Thursday"	Get Outside
Healthy Snack & Mental Break	Snack/Water	Snack/Water	Snack/Water	Snack/Water	Snack/Water
Math (20 minutes or more)	Solve a Problem-of-the-Day Continue working on numeracy activities from LAH Set#1	Solve a Problem-of-the-Day Continue working on numeracy activities from LAH Set#1	Solve a Problem-of-the-Day Continue working on numeracy activities from LAH Set#1	Solve a Problem-of-the-Day Continue working on numeracy activities from LAH Set#1	Solve a Problem-of-the-Day Continue working on numeracy activities from LAH Set#1
Lunch	Healthy Foods	Healthy Foods	Healthy Foods	Healthy Foods	Healthy Foods
Write (20 minutes or more)	Continue watching movie for writing assignment.	Begin movie writing assignment.	Continue movie writing assignment.	Have someone else review your draft writing assignment and provide you with feedback.	Edit and refine your writing assignment to complete your good copy.
Healthy Snack & Mental Break	Snack/Water	Snack/Water	Snack/Water	Snack/Water	Snack/Water

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<p>Get Creative (As much time as needed)</p>	<p>Visual Art - Celebrate Grain Farming in Saskatchewan Connect with a local farmer to get pulses and grains. Use them to create a piece of art that connects to Saskatchewan geography or create a symbol that celebrates Saskatchewan</p>	<p>Learn the dance “Happy” while using fundamental movements. Use the QR code below to navigate to the video.</p> 	<p>Critical Response and Visual Art Research ‘Op-Art’ or ‘Pop-Art’. Write a paragraph about that movement and then make a piece of artwork that fits within that movement.</p>	<p>Sketch book Prompt If you could have any superpower what would it be? Would you fly? Supersonic ears? Draw yourself with a superpower.</p>	<p>Sound to Image Pick your favourite song and draw it! (For example: How does it make you feel? What happens in the song?)</p>
<p>Science/Social/Passions (As much time as needed)</p>	<p>Continue with projects from Week 1. Complete a vocabulary puzzle from the options.</p>	<p>Continue with projects from Week 1. Complete a different vocabulary puzzle from the options.</p>	<p>Continue with projects from Week 1. Complete a different vocabulary puzzle from the options.</p>	<p>Continue with projects from Week 1. Complete a different vocabulary puzzle from the options.</p>	<p>Continue with projects from Week 1. Complete a different vocabulary puzzle from the options.</p>

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Move Your Body Specifics

Ring of Fire Version 1



5 movements, 35 seconds per movement

Repeat for 3 round

Rest as needed

1. Walking Lunges
2. Mountain Climbers
3. Pushups
4. Wall Sit
5. Hollow Corpse (laying on back, shoulders and legs suspended in air)

Topsy-Turvy Tuesday

Today's movement challenge is:

6 (or more) Log Roll Frog Jumps!

Start by laying face down on the floor or ground.
With your arms stretched out overhead, roll one full rotation to the side.
Quickly push yourself up to a frog stance by hopping your feet forward.
Jump straight up in the air, while reaching your hands up high.
When you land back in a low squat, jump your feet back and lay face down again - returning to the starting position.
Repeat the whole movement by rolling the other way!

Tips/Ideas for this challenge:

- Just have fun with this one!
- Tuck your knees while doing your jump for an extra challenge.
- Watch my video on Facebook or Instagram!

Follow
@kenastonkodiak
on Instagram
to see all of the daily challenges, and for instructional videos



Grade 7/8/9 Learning at Home Materials Set #2

Ring of Fire Version 2



5 movements, 35 seconds per movement
Repeat for 3 round
Rest as needed

1. Plank with Shoulder Taps
2. Plyo Lunges
3. Plank
4. Skater Lunges
5. Leg Raises (Laying on Back)

Get Outside

Take a 15-30 minute bike ride or walk outside. Enjoy being active in the fresh spring air!

Full Throttle Thursday

Today's movement challenge is:

1 MINUTE OF SPLIT JUMPS

Full-Throttle Thursday






Tips/ideas for this challenge:

- When you land, place your feet like you're on railroad tracks, not a tightrope. This will help with balance!
- If you get tired, use your grit! Keep going! Or, take a 5 second rest, then power your way through to the end!

It's Thursday! That means a cardio-style movement that will have your body working hard, and your heart exclaiming "thank you"! Choose between low split jumps, and high split jumps.

Low: Start in a lunge, with both knees bent (your back foot isn't too far back). Jump with maximum effort, and while you're in the air, your back foot comes to the front, and your front foot goes to the back. Always land in a lunge. Keep jumping and switching for 1 minute.

High: Very similar to the low split jumps - Instead of moving all the way into a lunge, just keep on your toes and slightly bend your knees when you land. Continue for 1 minute.

For videos, and to see all of the previous challenges follow [@kenastonkodiak](https://www.instagram.com/kenastonkodiak) on Instagram!



Grade 7/8/9 Learning at Home Materials Set #2

Read and Write Specifics

Movie Writing Assignment

Choose one of the movie options below at the appropriate grade level.

Grade 7	Grade 8	Grade 9
Maze Runner (Learn360)	Amazing Panda Adventure (Learn360)	Castaway (Learn360)
The Chronicles of Narnia (Criterion on Demand)	Contagion (Learn360)	Contagion (Learn360)
		Prometheus (Learn360)

Login Information

[Criterion on Demand](#)

[Username: 93015](#)

[Password: sunWSD](#)

[Learn 360](#)

[Username: 50563p](#)

[Password: sask](#)

This assignment will cover the following outcome *CC7.8, CC8.8, CC9.8b – I can write to describe, to narrate, to explain and inform, and to persuade.*

After viewing the movie option you have chosen, choose ONE of the writing options below and answer based on the film that you have seen. You will be graded on the rubric below. Ask your teacher for instruction for length and word count.

4	3	2	1
The message is thoughtful, compelling, and supported by interesting details. Precise and purposeful register and tone are established through skillful use of language. The introduction, body, and conclusion are well-connected and thought provoking. Transitions effectively connect ideas. Word choices are varied, and sentence structures are refined. There are few errors in spelling, punctuation, and grammar.	The message is straightforward, using the appropriate register, and the message is supported with details, examples, and explanations. The writing is coherent and contains a strong introduction, transitions, and an effective conclusion. Word choices and sentence structures are varied. Errors in spelling, punctuation, and grammar do not interfere with meaning.	The message is limited and inadequately supported. An introduction and conclusion may be present, but rudimentary, and there is limited use of transitions. Sentences structures lack variety and word choice is limited. Errors in spelling, punctuation and grammar may interfere with meaning.	The message is unclear and/or vague. The introduction and conclusion are unrelated to the main idea. The text lacks coherence and unity. Word choices are ineffective, and sentences are simple or incomplete. Incorrect spelling, grammar, and punctuation interfere with meaning.

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Option 1
– Write to
Persuade

Answer the following writing prompt in a well-written response:

The word “survival” literally means “to live.” Does living mean more than having enough food and adequate shelter? Explain how and why it is important to do more than simply “survive.”

Use examples from the film as well as any other literature that has been discussed this year. You should also include personal experiences from our current state of social distancing and COVID-19 should also be included in your response.

Option 2-

Write to
Narrate

Pick one of the characters

Imagine you are a character from the film. Choose a point in time and write a journal entry from his point of view expressing your innermost thoughts about your situation at that point in time.

In your journal you will want to include things like:

- *How you are feeling emotionally*
- *Your physical condition*
- *Your hopes and dreams for the future*
- *Your fears and worries*
- *What is keeping you moving forward*
- *What is preventing you from wanting to continue*
- *Your thoughts about other people involved*
- *Thoughts about overcoming challenges*

The journal should sound as if it is coming from your characters point of view. Please focus on sentence structure and be sure to organize your thoughts in a logical manner.

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Option 3

– Write to Describe

Describe a scene

Imagine you are a character from the film and you want to describe a particular scene that is important to the story. From viewing the film, I would like you to write a vivid description of the scene from your point of view.

Be sure to:

- Paint a clear and colourful picture of the scene
- Use sensory details and vivid words
- Have a logical order when describing different aspects of the island
- Experiment with imagery (using the five senses: sight, smell, sound, touch, taste)
- Experiment with figurative language (simile, metaphor, personification, hyperbole, symbols, etc.)

After reading this description of the scene, the reader should feel like they have been there by reading the description you have given.

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Math Specifics

Problem of the Day

#1	<p>Casey is designing a new garden for his grandparents' backyard. They have the following supplies:</p> <ul style="list-style-type: none"> ▪ 50 metres of edging to frame the garden ▪ 15 cubic metres of soil <p>They cannot dig more than 30cm into the ground because of pipes buried underneath. The garden does not need to be rectangular, but it can be.</p> <p>Determine a set of dimensions (including depth) that would work for their situation. They do not need to use all of the available supplies, but they cannot buy more. In your solution, include a diagram and show the calculations that prove the conditions have been met.</p>
#2	<p>Penny goes for a daily run. On Monday, she ran for $3\frac{1}{4}$ km. On Tuesday, she ran for $\frac{3}{4}$ of Monday's distance. On Wednesday she ran for double Tuesday's distance. On Thursday, she ran for 1km in the rain. On Friday, she ran for the combined distance that she had run on Monday-Thursday. What was the total distance she ran from Monday – Friday?</p>
#3	<p>Rachel has 1.4 litres of gingerale and 3.25 litres of cola in her fridge. Antonio has 0.85 litres of 7-Up and 2.7 litres of cream soda in his fridge. They want to create a punch by mixing all of these pops together. What would be the total volume of their punch? If each of their pitchers can hold 1.85 litres, how many pitchers would they need to hold all of their punch?</p>
#4	<p>Jonah helped his aunt for 1.3 hours on Monday, 1.8 hours on Tuesday, 2.5 hours on Wednesday, 3 hours on Thursday, and 2.4 hours on Friday. His aunt said she would pay him \$0.25 per minute for his help in her shop. How much money did he earn in that week?</p>
#5	<p>A restaurant receives a shipment of 133 veal cutlets. If it take 4 cutlets to make the large signature dish and 3 cutlets to make the small signature dish, what are four combinations of large and small signature dishes that the restaurant could make without running out of veal cutlets? How many extra cutlets would there be in each scenario?</p>



Grade 7/8/9 Learning at Home Materials Set #2

Science and Social Studies Specifics

There are a series of vocabulary puzzles included in the following pages.

1. Social Studies Resources and Wealth Vocabulary Search
2. Science Ecosystems Vocabulary Search
3. Science Water Systems Vocabulary Search
4. Science Our Universe Vocabulary Search
5. Social Studies Resources and Wealth Crossword
6. Science Ecosystems Crossword
7. Science Water Systems Crossword
8. Science Our Universe Crossword



Grade 7/8/9 Learning at Home Materials Set #2

Resources and Wealth Vocabulary Search

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



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Resources and Wealth Vocabulary Search Word List

- Barter
- Biodiversity
- Carbon footprint
- Climate change
- Conservation
- Consumer
- Economy
- Ecosystem
- Fossil fuel
- Mixed economy
- Natural disaster
- Primary
- Producer
- Reforestation
- Renewable
- Resource
- Secondary
- Sharing
- Stewardship
- Subsistence
- Sustainable
- Tertiary
- Trade
- Wealth



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Ecosystems Vocabulary Search

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

- ABIOTIC
- ADAPTATIONS
- BIOTIC
- CARNIVORE
- CONSUMERS
- DECOMPOSERS
- ECOSYSTEM
- FOODCHAIN
- FOODWEB
- HABITAT
- HERBIVORE
- MIGRATE
- NATIVE ORGANISMS
- NICHE
- OMNIVORE
- PREDATORS
- PREY
- PRODUCERS
- SCAVENGERS
- SUCCESSION



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

Water Systems Vocabulary Search

- ATMOSPHERE
- CONDENSATION
- CURRENT
- DENSITY
- DRAINAGE BASIN
- EVAPORATION
- FLOOD PLAIN
- GLACIER
- GROUNDWATER
- HYDROLOGIST
- HYDROSPHERE
- OCEANOGRAPHER
- RUNOFF
- SALINITY
- WATER CYCLE
- WATERSHED
- WATER TABLE
- WAVE



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Universe Vocabulary Search

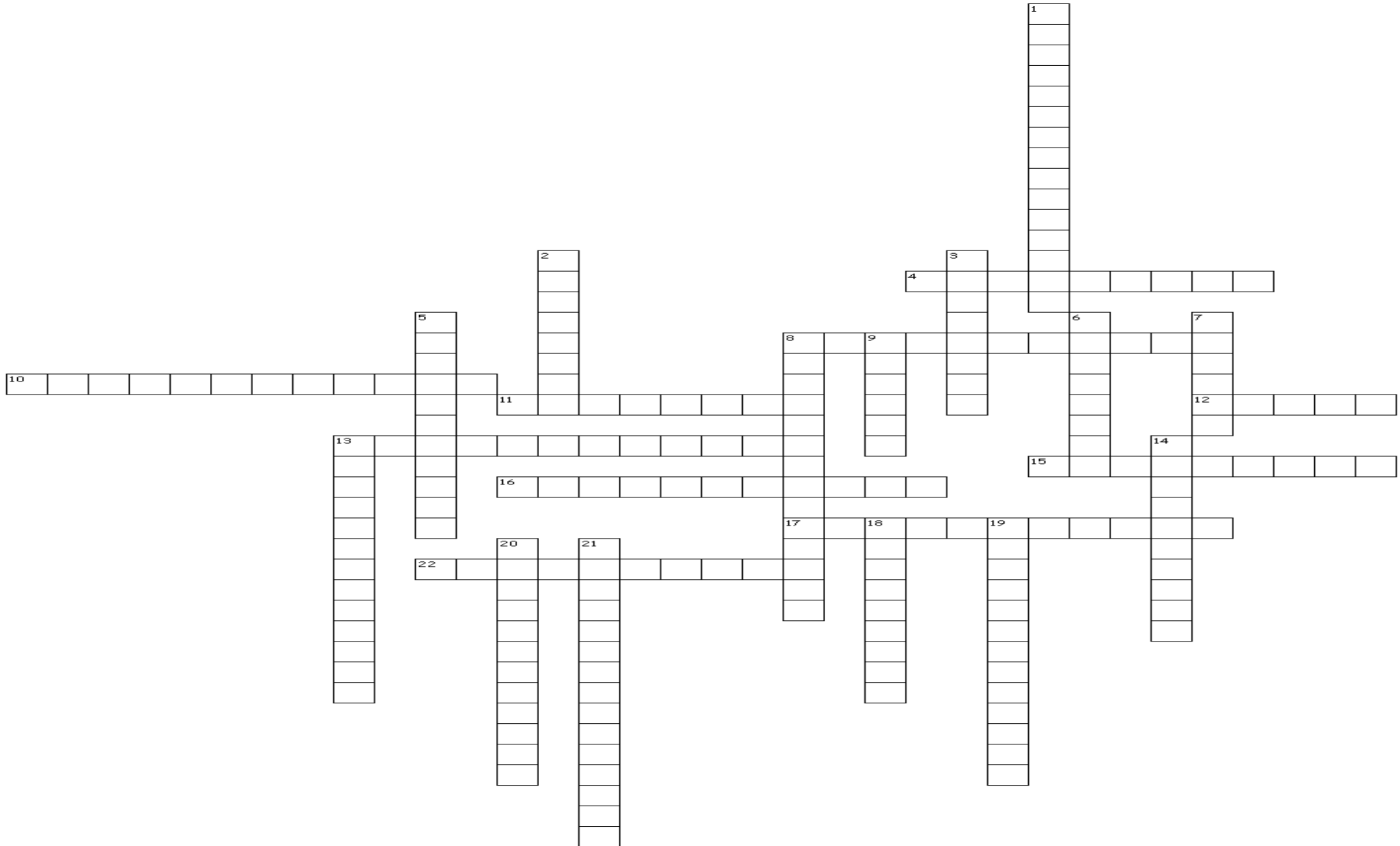
S I H Y F Z A E X S A V O N R E P U S G H Z J C M J A Q G O
D P R G K C L L I J R Y C A O N U R J T U X C L F S L K Z Y
M F I P E U U Z I Z T S L T R I R A T S C C G X T N X E J R
J R A N O X B E Q R I X D W C I T E N G A M O R T C E L E A
A E E R O I E K T A F Q A R E N J A Z K N O O Y G X U L N N
N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

- ARTIFICIAL SATELLITE
- ASTEROID
- ASTRONOMICAL UNIT
- BINARY
- CONSTELLATION
- COSMIC
- ELECTROMAGNETIC
- GALAXY
- GEOSTATIONARY
- LIGHT-YEAR
- MAGNITUDE
- METEOR
- METEORITE
- NEBULA
- ORBIT
- ORBITAL
- PLANET
- PROTOSTAR
- RADIUS
- REVOLUTION
- ROTATION
- SATELLITE
- SOLAR
- SOLSTICE
- SPINOFF
- STAR
- SUPERNOVA
- SYSTEM
- WAVE



Grade 7/8/9 Learning at Home Materials Set #2

Resources and Wealth Crossword





Grade 7/8/9 Learning at Home Materials Set #2

Across

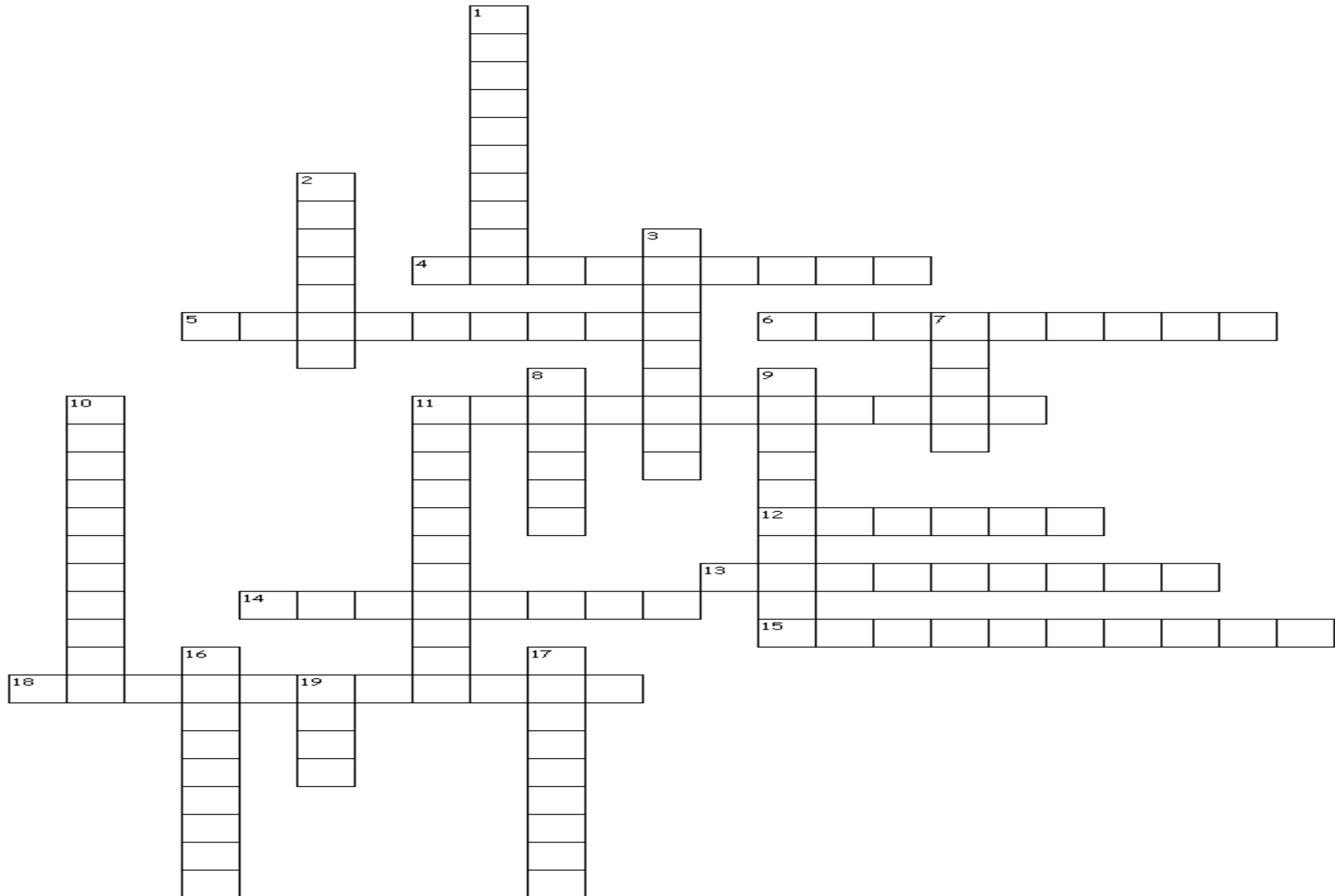
4. a resource that replaces itself if carefully managed
8. a type of farming in which crops are grown and animals raised to meet the needs of the farmer's family, with little or nothing left over to sell or trade
10. the variety of living things in a region or ecosystem
11. someone who creates or provides goods or services
12. the exchange or buying and selling of goods and services of market
13. working to preserve, protect, or restore the natural environment and wildlife
15. an industry that involves the use of raw materials to create new products
16. wealth and resources of a region or country, including the production and consumption of goods and resources
17. careful management of resources to ensure they are sustainable
22. industry that involves extracting or collecting raw materials from the natural environment

Down

1. a severe event in the natural environment that leads to human, economic, and environmental losses
2. someone who purchases and uses goods and services
3. an industry that provides personal or professional services
5. an approach to development, economics, or society that considers the environment and tries to avoid wasting or using up natural resources, so that future generations will be able to meet their needs
6. the raw materials or component parts of a finished product that may include natural, human, and capital elements
7. accumulated goods, possessions, or riches
8. participating in, or benefiting from something along with others
9. the exchange of goods or services for other goods or services without the exchange of money
13. a long-term, significant change in the average weather patterns of a given region as a result of natural changes, human activities, or both
14. non-renewable resource formed from plant and animal remains over millions of years
18. interactions and relationships between living and non-living things in a particular environment
19. the replanting and regrowth of a forest
20. an economy that combines elements of traditional, market, and command economies
21. the total amount of carbon dioxide and other greenhouse gases emitted over the full life cycle of a product or service

Grade 7/8/9 Learning at Home Materials Set #2

Ecosystems Crossword





Grade 7/8/9 Learning at Home Materials Set #2

Across

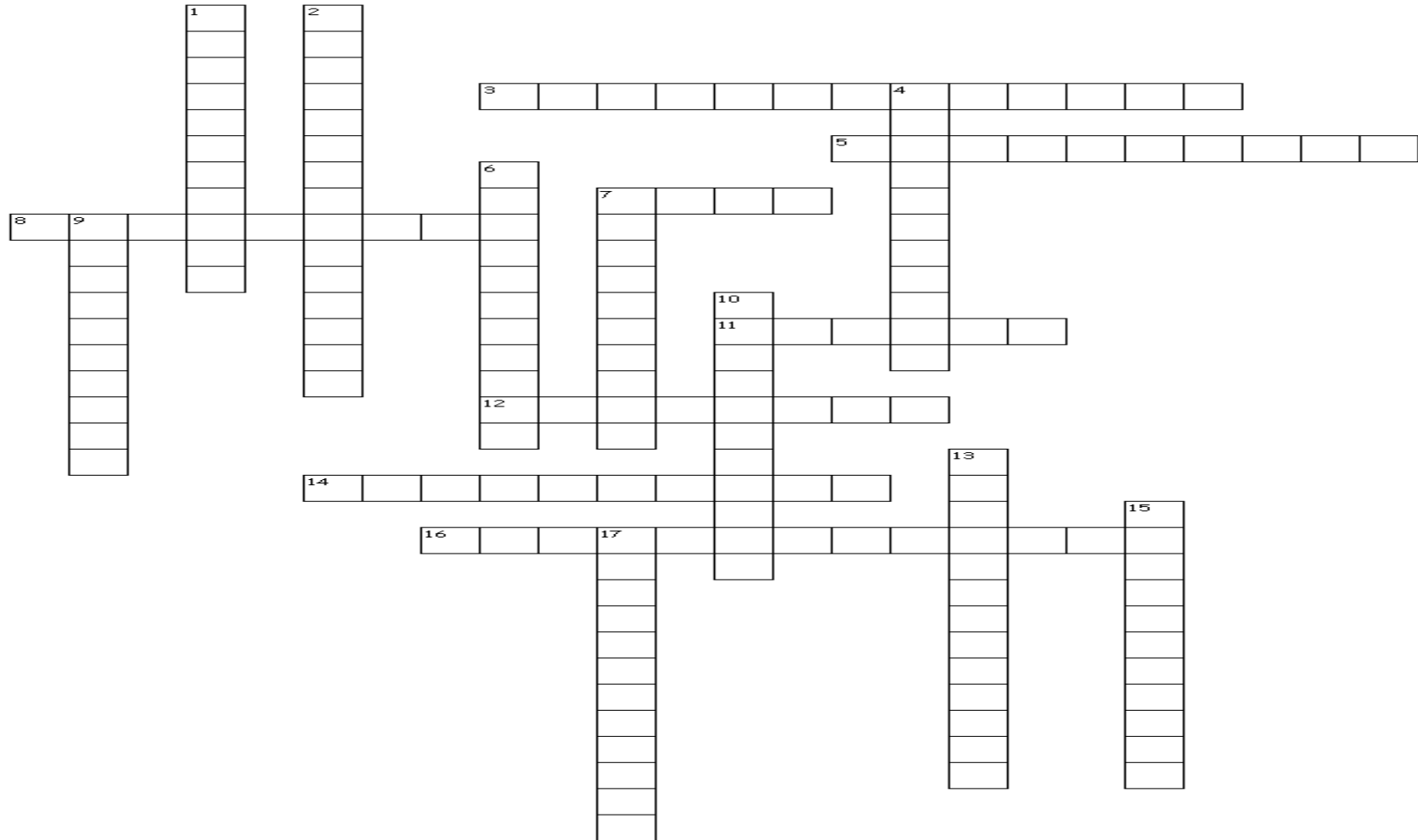
4. a flowchart that shows how living things are connected to each other by the food they eat
5. animals that hunt, kill, and eat prey
6. an animal that eats only other animals
11. non-living part of an ecosystem
12. describes organisms that have evolved as part of the local ecosystem
13. an animal that eats only plants
14. an animal that eats both plants and other animals
15. the predictable pattern of change in ecosystems
18. a consumer that breaks down dead plants and animals

Down

1. journey between different areas at specific times of the year
2. the result of connecting all the possible food chains in an ecosystem
3. interactions and relationships between living and non-living things
7. the position or function of an organism in a community of plants and animals
8. the living part of an ecosystem
9. animals that eat dead organisms
10. natural home or environment of an animal, plant, or other organism
11. characteristics that help an organism survive in a particular ecosystem
16. any organism that has to seek out and eat other living things for food
17. plants that produce the food and oxygen that all consumers need to survive
19. animals that are hunted and killed for food

Grade 7/8/9 Learning at Home Materials Set #2

Water Systems Crossword





Grade 7/8/9 Learning at Home Materials Set #2

Across

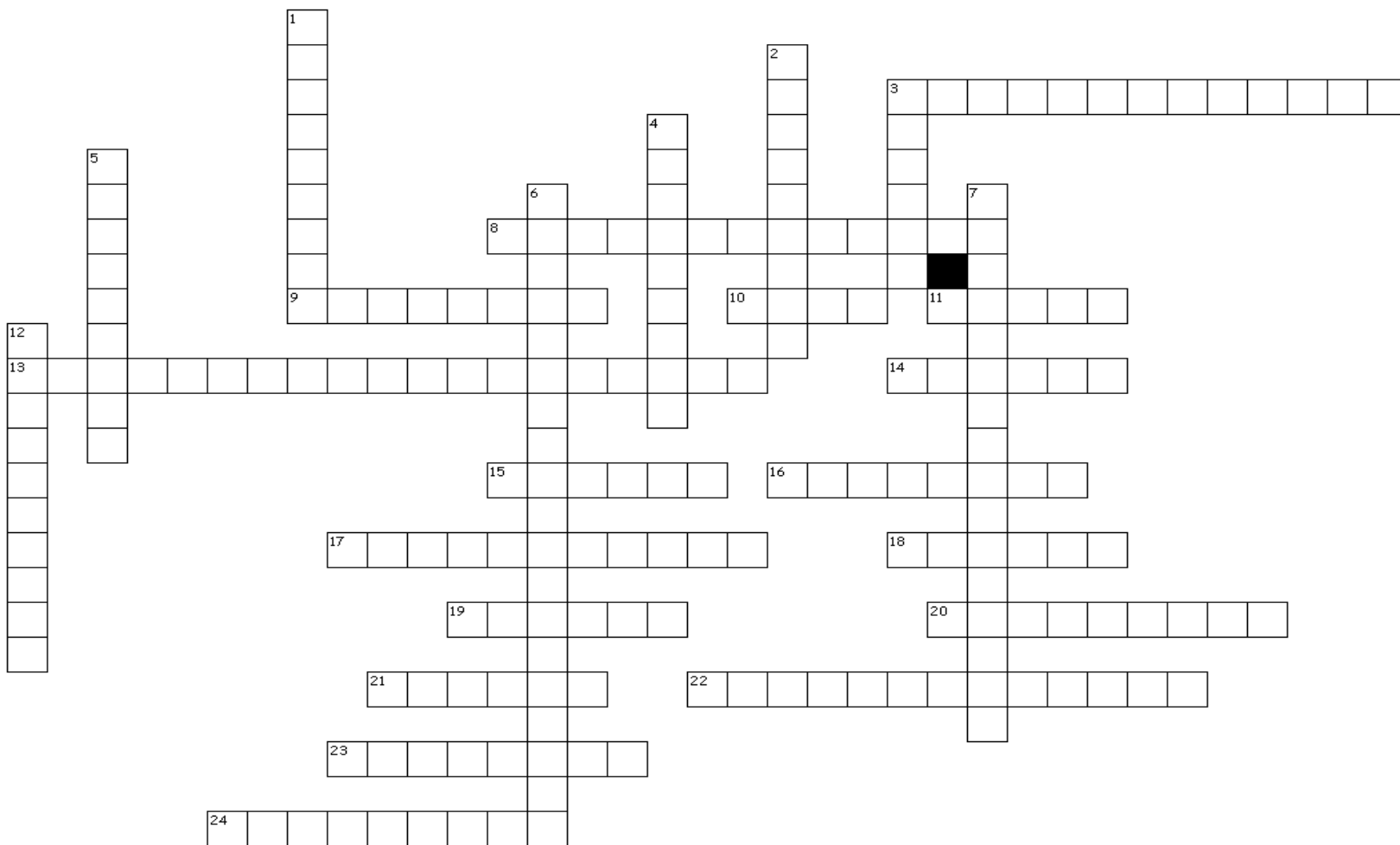
3. the area of land from which water drains into a body of water
5. boundary between the area where spaces between water-bearing materials are full of water and the area where spaces are filled with a mixture of air and water
7. patterns of energy that move along the water's surface
8. all the areas of land that drain into one main lake or river
11. the draining away of water from the surface of an area of land
12. the amount of salt in water
14. area flooded when a river overflows its banks
16. moving bodies of ice

Down

1. all of the water on Earth, including that in the atmosphere and the lithosphere
2. of water that move within a larger body of water
4. the change of water from liquid to vapor
6. a person who studies Earth's water systems and helps find solutions to problems of water quality and quantity
7. the movement of water through different states of matter
9. the air surrounding the planet
10. water that soaks into the ground, collecting in the spaces in permeable rock or in between grains of gravel, sand, soil and sediment
13. a scientist who studies aspects of the ocean and is concerned with the biology, chemistry, geology, physics, and mathematics of the ocean
15. amount of mass in a certain amount of volume
17. the change of water from gas to liquid

Grade 7/8/9 Learning at Home Materials Set #2

Universe Crossword





Grade 7/8/9 Learning at Home Materials Set #2

Across

3. a group of stars that, observed from Earth, resembles a form
8. a planet's distance from the Sun
9. a metallic, rocky body without atmosphere that orbits the Sun but is too small to be classified as a planet or dwarf planet
10. a body of electrically charged gas, or plasma, that emits energy from nuclear reactions taking place in its core
11. the path along which an object travels around another object
13. a wave of electricity and magnetism that travels at the speed of light
14. a star-and-planet system with two stars at its centre
15. a collection of hundreds of billions of stars that are held together by gravitational forces
16. the longest period of daylight or night in a year
17. a collection of plants and other objects that orbit a central star
18. an astronomical body that orbits one or more stars and is capable of forming into a spherical shape under its own gravitational force
19. a meteoroid that enters Earth's atmosphere and burns up as it collides with gas molecules
20. the explosion of a high mass star
21. a cloud of dust and gases in space which scientists believe is an area of star formation
22. an orbit in which a satellite orbits Earth at the same rate as Earth rotates
23. one complete spin of one object on its axis
24. the measure of brightness of a star

Down

1. secondary effect or product of a thing or an activity
2. a meteor that does not burn up completely and strikes Earth's surface
3. pertaining to or characteristic of the universe
4. a star in its first stage of formation
5. the distance that a beam of light travels through space in one year, 63,000 AU or 9000 billion km
6. a human-made device placed in orbit around Earth or another celestial object
7. a unit of measure used to measure distances in space; one AU is equal to the average distance between the Sun and Earth, approximately 150 million km
12. one complete orbit of one object around another