





### **Al Noor International School**

Riyadh, Saudi Arabia



Name:	
Grade: Section:	
Academic Year:	

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Nam	e:			Date:/	Chapte 1/
sson 1:	: Describe N	Matter (use v	vith pages 6-11)		
Wo	ords to Know Matter	<u>s: Write the</u> Solid	word next to Liquid	<u>the descript</u> Gas	ion it matches. Properties
1.			are the traits (	or features o	f an object.
2 spac			is anything the	at has weigh	nt and takes us
3			is matter the	ıt does not h	nave its own shap
4			is matter thc	ıt has its owr	n size and shape.
5			is matter the	ıt does not h	nave its own shap
and s	size.				
Tru			e statement is		
		properties Ill balls are	s you can obs solid.	erve with yo	ur senses.
	3. Watei 4. The ic	is solid. e cube is li	iquid.		

	Explain
	1. If you freeze water, what is the effect ?
$\propto$	2
<b>XX</b>	Apply Concepts
	1. What would cause an ice cube to turn back into liquid water?



Weight T	exture Ma	gnetic	Flexibility	Hard	dness	
•		is how s	omething	feels.		
		is how h	neavy an c	bject is		
		is an ob	ject that o	an be p	oushed (	or pulle
a magnet.						
l bbject is com				t tells ho	w hard	or solid
		is able	to bend.			
		-				



What can you observe about an object?



1. Look at the object. List three of its properties.






 Date://
next to the description it matches.
Purpose
ts own size and shape.
bject.
nent is correct and F if not.
ouild a house.
quids.
e shapes and sizes.
vy bricks on the roof of a house?



1.	Tell what materials can be used to build a house.
_	

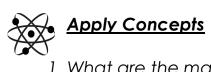


_	
	n 4: Use Liquids and Gases (use with pages 26-32)
9	Words to Know:
	1. What is a state of matter?
•	<u>True or False: Write T if the statement is correct and F if not.</u>
	not of raise. While I'll me dialement is contest and I'll not.
	1. Liquids and gases have a shape.
	1. Liquids and gases have a shape2. Liquids and gases take the shape of their container.
	2. Liquids and gases take the shape of their container.
	2. Liquids and gases take the shape of their container3. Water can be a gas.
	2. Liquids and gases take the shape of their container3. Water can be a gas4. You can measure liquids.
<b>~</b>	<ul> <li>2. Liquids and gases take the shape of their container.</li> <li>3. Water can be a gas.</li> <li>4. You can measure liquids.</li> <li>5. Gasoline is a liquid that we can drink.</li> </ul>
\rightarrow \tag{4}	2. Liquids and gases take the shape of their container3. Water can be a gas4. You can measure liquids.



What are some ways you could use liquids and gases in the kit?

ame:		Date:// Chapt
sson 1	: Observe Changes in Matter (use with page	ages 48-53 )
1	ords to Know: Identify the word " Matte	<u>er " :</u>
Tru	e or False: Write T if the statement is c	correct and F if not.
	1. Matter can change1. Matter can change2. A solid can't be changed into I3. A liquid can be changed into solution4. A matter stills the same after ch	solid.
Explo	din How can a solid be changed? Give a	an example.
2. Ho	ow can a solid fruit be changed into li	iquid? Give an example.



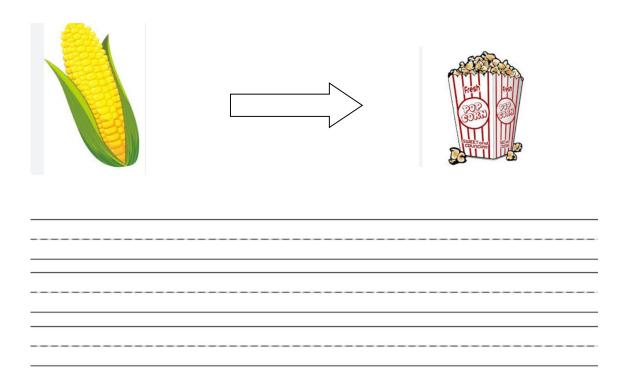
1. What are the matters that a sidewalk can be made of? Explain.



Name:		Date:/
Lesson 2: T	Temperature and Mat	ter (use with pages 54–59)
Word	ls to Know: Write the w	ord next to the description it matches.
	Property	Reversible
		me changes made by heating and ck to the way they were.
	e with your senses.	omething about an object you can
True	or False: Write T if the s	tatement is correct and F if it is not.
	_1. You can't measure	temperature.
	_2. The Arctic is very ho	ot.
	<del>-</del>	ng can change matter. by heating can be reversible cooling.
<u>Expla</u>	<u><b>in</b></u> 1. How can Warmth	change matter in the Arctic?



1. Explain how this change can be reversible.



Name:		Chapter 2  Date://
	2: Matter Within Objects (use with pages 60–64)	•
<u>₩</u> o	ords to Know: Identify the word "Assemble	
$\sim$		
	<u>True or False: Write T if the statement is co</u>	
	1. Objects are built from <u>one big mate</u>	
some	2. Objects are built using materials tha3. You have to follow a certain sequenething together correctly.	
	4. Objects can be built using smaller m	aterials.
<u>E</u>	<b>Explain:</b> How different materials can be use	ed to build an object?
=		

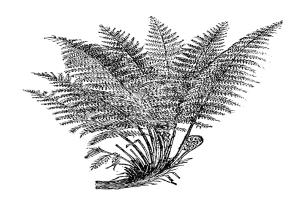


# Apply Concepts: List the different steps to build objects.

1.	
2.	
_,	
3.	
4.	

Name:	Date:/
Lesson 1: Des	cribe the Surface of Earth. (use with pages 82-89)
Words to	Know: Write the word next to the description it matches.
	Landform – Slope – Plains – Plateau – Canyon
	is an area that slants up.
2	are flat areas that are often in valleys.
3.	is a feature made of rock and dirt.
4	are deep valleys.
	are raised parts of Earth's surface that are
flat on top	<b>.</b>
True or I	False: Write T if the statement is correct and F if not.
1.	Soil is loose material that plants can grow in.
2.	The highest landforms are hills.
3.	Many canyons are formed by rivers.
4.	A low are between mountains or hills is called Valley.

	<u>Explain</u>
1.	. Why Mauna Kea is the tallest mountain in the world?
_	
_	
-	
_	
_	
•	Apply Concepts
1.	How canyons are formed?
_	
_	
_	
_	





Name:		Date:/
Lesson 2: V	What are Some Propertie	s of Matter? (use with pages 90-97)
Word	s to Know: Write the word i	next to the description it matches.
	Fresh Water	Glacier
	is wate	er that has very little salt.
2	are ve	ry large bodies of flowing ice.
<b>3</b> C	_1. Glaciers move downhil _2. Streams are <b>bodies of f</b> _3. Most creatures <b>depenc</b>	lowing water. I on glaciers to live.
Explo		a bridge to cross the water?



Chapter
3

		Chapter 3
Nan	me:	Date:/
Less	son 3: What Are Sc	olids, Liquids and Gases? (use with pages 98 – 103)
	Words to Know: [	Draw a line from each word to the definition it
	<u>matches</u>	
	1. Modal●	<ul> <li>is a way to compare the distance between</li> <li>Two objects on the map to the real-life ones.</li> </ul>
	2. Key ●	<ul><li>explains what pictures or signs on the map mean.</li></ul>
	3. Scale ●	<ul> <li>matter that does not have its own shape and takes the shape of its container.</li> </ul>
	True or False: Writ	e T if the statement is correct and F if not.
	1. Maps ar	e <u>much bigger</u> than the real places.
	2. There co	an be many <u>different maps</u> for the same area.
	3. Maps <u>dc</u>	o not need a key.
	4. A map is	s <u>a modal.</u>
$\infty$	<u>Explain</u>	
	1. Give two exc	amples of maps.





2.	Which map you would use to get to a museum? Why?

Name:	Date:/
Lesson 1: Eartl	changes quickly. (use with pages 118-123)
Words to	Know: Write the word next to the description it matches.
	Lava – earthquake – flood - landslide
1.	comes out of the crater when the volcano goes off.
2	is the sudden shaking of the ground.
3	is when the side of a hill or mountain fallsdown.
4.	is a large amount of water that quickly covered by water.
True or Fo	lse: Write T if the statement is correct and F if not.
1. F	lood can happen when there is <b>heavy rain for a long time</b> .
2. <b>_</b>	arthquakes change the surface of Earth quickly.
3. L	ava <u>never hardens.</u>



### <u>Explain</u>

1.	Tell three things that change the surface of the earth.	



## **Apply Concepts**

1. Circle the pictures that show what <u>could not</u> change the Earth's surface.








	Topic 4
Name:	Date:/
Lesson 2: I	Earth Changes Slowly (use with pages 124 – 129)
Word	s to Know: Write the word next to the description it matches.
	Weathering – erosion – deposition
	happens when soil, sand, and small bits of a rock are removed.
2	is the breaking up of rock.
3	happens when wind and water drop sand, soil, and small bits of rock in a new place.
True	or False: Write T if the statement is correct and F if not.
	_1. Roots <u>can break</u> the rocks into pieces.
	_2. People do not erode rock and dirt when they walk on it.
	_3. Mountains are not part of the surface of the Earth.
	_4. Slow changes to the surface of Earth only take few years.
Explo	<u>xin</u>
1. Ho	w <u>erosion</u> happens? Give an example.

I. Iell how er	rosion is diffe	rent from o	an earthqu	ake and ho	ow it is sim

	Topic 4
Name	: Date:/
Lesson	3: People Can Change Earth (use with pages 130 – 137)
<b>€</b> !	Words to Know: Write the word next to the description it matches.
	Dike – levee – windbreak
1.	is a row of objects that blocks the wind.
2.	is a long wall built to hold back ocean water.
3.	is a short wall along a river.
	True or False: Write T if the statement is correct and F if it is not.
_	1. Rivers <u>deposit eroded soil and rock</u> into the ocean.
_	2. Levees <b>protect farm fields and cities.</b>
_	3. People make some changes that <b>slow down erosion and</b>
_	<ul><li>deposition.</li><li>4. Windbreak can be made of trees and fences.</li></ul>
	Explain_
1.	What changes people make that slows down erosion or deposition?
-	
-	
-	
-	
-	

1. Name a structure that we can use to keep water from flooding an area that experiences heavy rain.

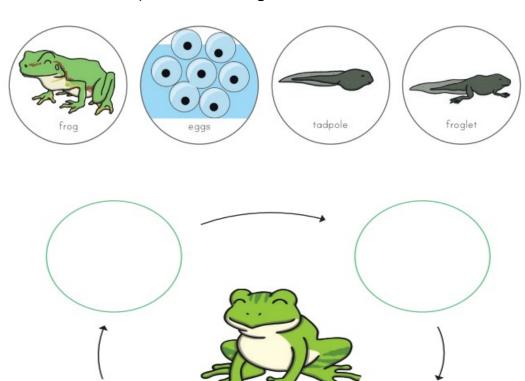




WC			ne description it matches.
1.	Life cycle	Plant	<b>Animal</b> thing that can you energ
1.		is a living	ming marcan you energ
fro	om the sun to make fo	ood for itself.	
2.		is a living	thing that cannot make
01	wn food. It must eat.		
3.		is the	way plants and other livir
	ings grow and chang		
	ue or False: Write T if th	ne statement is c	
		ne statement is c eat other anima	ls.
	ve or False: Write T if th 1. Some animals e 2. The adult plant 3. The seeds start	ne statement is c eat other anima grows flowers the the cycle again	ls. nat turn into fruit.
	ve or False: Write T if th 1. Some animals e 2. The adult plant	ne statement is c eat other anima grows flowers the the cycle again	ls. nat turn into fruit.
? <u>Tru</u>	ve or False: Write T if th 1. Some animals e 2. The adult plant 3. The seeds start	ne statement is c eat other anima grows flowers the the cycle again	ls. nat turn into fruit.



1. Put the life cycle of the frog into the correct order.



Write few sentences about the frog life cycle.

Stem Roots Nutrients  is a food material that a living the need.  2 is a part of the plant that carriwater and nutrients to the leaves.	is a food material that a living thin need.  2 is a part of the plant that carries water and nutrients to the leaves.  3 are parts of the plant that hold plant in place and take in water and nutrients.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.			se with pages 162 – 167)		
is a food material that a living the need.  2 is a part of the plant that carriwater and nutrients to the leaves.  3 are parts of the plant that ha plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.	is a food material that a living thin need.  2	<u>Word</u>				<u>s.</u>
need.  2 is a part of the plant that carriwater and nutrients to the leaves.  3 are parts of the plant that haplant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.	2	_	Jieili		Nomems	
2 is a part of the plant that carriwater and nutrients to the leaves.  3 are parts of the plant that had plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.	is a part of the plant that carries water and nutrients to the leaves.  3	1		is a fo	ood material that a living th	ings
water and nutrients to the leaves.  3 are parts of the plant that ho plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.	are parts of the plant that hold plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.  3. All plants have stem, roots and leaves only.  4. Plants need air, water, sunlight, space and nutrients to grow.	need _	d.			
water and nutrients to the leaves.  3 are parts of the plant that ho plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.	are parts of the plant that hold plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.  3. All plants have stem, roots and leaves only.  4. Plants need air, water, sunlight, space and nutrients to grow.	2. —		is c	part of the plant that carri	es
plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.	True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.  3. All plants have stem, roots and leaves only.  4. Plants need air, water, sunlight, space and nutrients to grow.  Explain	wate	er and nutrients		,	
plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.	plant in place and take in water and nutrients.  True or False: Write T if the statement is correct and F if not.  1. Plants without enough space will be small.  2. In some plants, seeds form in the flower.  3. All plants have stem, roots and leaves only.  4. Plants need air, water, sunlight, space and nutrients to grow.  Explain	_				
<ul><li>1. Plants without enough space will be small.</li><li>2. In some plants, seeds form in the flower.</li></ul>	<ul> <li>1. Plants without enough space will be small.</li> <li>2. In some plants, seeds form in the flower.</li> <li>3. All plants have stem, roots and leaves only.</li> <li>4. Plants need air, water, sunlight, space and nutrients to grow.</li> </ul>	2			ro parts of the plant that he	JA +
<ul><li>1. Plants without enough space will be small.</li><li>2. In some plants, seeds form in the flower.</li></ul>	<ul> <li>1. Plants without enough space will be small.</li> <li>2. In some plants, seeds form in the flower.</li> <li>3. All plants have stem, roots and leaves only.</li> <li>4. Plants need air, water, sunlight, space and nutrients to grow.</li> <li>Explain</li> </ul>					old t
2. In some plants, <b>seeds form in the flower</b> .	<ul> <li>2. In some plants, seeds form in the flower.</li> <li>3. All plants have stem, roots and leaves only.</li> <li>4. Plants need air, water, sunlight, space and nutrients to grow.</li> <li>Explain</li> </ul>					old t
·	3. All plants have <b>stem, roots and leaves only</b> 4. Plants <b>need</b> air, water, sunlight, space and nutrients to grow.  Explain	plan	t in place and	take in water and	d nutrients.	old t
3. All plants have <b>stem, roots and leaves only</b> .	4. Plants <b>need</b> air, water, sunlight, space and nutrients to grow.  Explain	plan	t in place and or realse: Write 1	take in water and	d nutrients.  is correct and F if not.	old t
	<u>Explain</u>	plan:  True (	t in place and to or False: Write 1  Plants without e	take in water and  if the statement enough space w	is correct and F if not.	old t
4. Plants <b>need</b> air, water, sunlight, space and nutrients to grov		True (	t in place and to or False: Write To Plants without e In some plants,	take in water and  if the statement enough space w  seeds form in th	is correct and F if not.  ill be small.  e flower.	old t
		True (	t in place and to present to place and to present the second of the seco	take in water and in the statement enough space was seeds form in the stem, roots and lesses.	is correct and F if not.  ill be small.  e flower.  eaves only.	
Explain		True (	t in place and the property of the plants without end in some plants, all plants need air, plants need air,	take in water and in the statement enough space was seeds form in the stem, roots and lesses.	is correct and F if not.  ill be small.  e flower.  eaves only.	
		True ( 1.   2.   3.   4.   Expla	t in place and to present to place and to plants without end of the plants without end of the plants have to plants need air, the plant	take in water and in the statement was seeds form in the stem, roots and leaves water, sunlight, s	is correct and F if not.  ill be small.  e flower.  eaves only.  space and nutrients to grov	
		True ( 1.   2.   3.   4.   Expla	t in place and to present to place and to plants without end of the plants without end of the plants have to plants need air, the plant	take in water and in the statement was seeds form in the stem, roots and leaves water, sunlight, s	is correct and F if not.  ill be small.  e flower.  eaves only.  space and nutrients to grov	
		True ( 1.   2.   3.   4.   Expla	t in place and to present to place and to plants without end of the plants without end of the plants have to plants need air, the plant	take in water and in the statement was seeds form in the stem, roots and leaves water, sunlight, s	is correct and F if not.  ill be small.  e flower.  eaves only.  space and nutrients to grov	
		True ( 1.   2.   3.   4.   Expla	t in place and to present to place and to plants without end of the plants without end of the plants have to plants need air, the plant	take in water and in the statement was seeds form in the stem, roots and leaves water, sunlight, s	is correct and F if not.  ill be small.  e flower.  eaves only.  space and nutrients to grov	



1. What should a guide about plants say about something plants need?



N	ame:	Date/
Less	on 3: Animal Needs (use with p	ages 168 – 173)
	Words to Know: Write the w	ord next to the description it matches.
	Sense of smell	Shelter
1.	is	a place that protects animals.
2.	he	elps animals find food.
	True or False: Write T if the	statement is correct and F if not.
	1. Animals use their b	pody parts to get what they need.
		he same basic needs. The their own food from the sun. The sun space.
	Explain  . How does a bird's beak h Give an example.	nelp get what it needs?
- - - -		



1. Wha a flowe	ıt need do <sub>l</sub> er	oollinating o	animals ho	ave when i	they are at	tracted to



me:			Date/			
esson 4	on 4: Animals Can Help Plants Reproduce (use with pages 174 – 179)					
Wor Wor	ds to Know: W	Vrite the word next to	the description it matches			
J	Disperse	Pollinators	Pollination			
1.		means to sc	atter in different directions.			
2	wer.	is the sprea	ding of pollen from flower to			
3.		are animals	that move pollen.			
	1. Plants <b>dc</b> 2. Seeds cc	o not need pollen to an float long distanc	es.			
		mals and plants get s are not pollinators.	something from pollination.			
Expl						
1. Ho	w do animals	help plants make m	ore plants?			



1. Why would it be helpful if a squirrel forgot where if hid seeds?





Name:	Dat	e//
Lesson 1: Identify Habi	tats (use with pages 196 – 201)	
Words to Know: Writ	te the word next to the o	description it matches.
Diversity	Habitat	Adaptation
1 lives.	is a place where	e a plant or an animal
2animals live in a pla		ny different plants and
3. that help survive.	are chara	acteristics of a living thing
True or False: Write	T if the statement is corre	ect and F if not.
1. Habitats <b>can b</b>	<b>ne only</b> in water.	
2. The soil below	a rock is <b>a small habitat</b>	<b>t</b> .
3. One habitat m animals.	ay have <b>many different</b>	<b>kinds</b> of plants and
4. Plants and anir	mals <b>do not need</b> their h	abitats to survive.
<u>Explain</u>		
1. How does a fish co habitat? ———————————————————————————————————	an adapt and survive in	its



1. My animal is	
2. It lives in	

The climate where my animal	
lives is	
Its body is covered with:	
This helps it because:	

Here are some things that my animal eats.

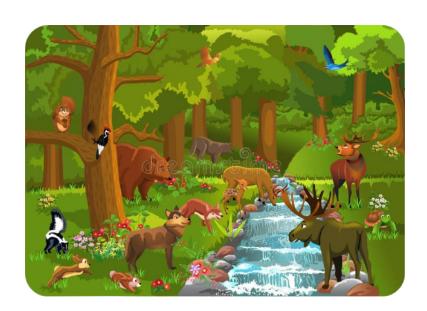
This is what my animal looks like.



Name:		Dat	te/
esson 2: Livi	ng Things i	n Land Habitats (use wi	th pages 204 – 209)
Words to	Know: Write	the word next to the	description it matches.
0	Desert	Forest	Tundras
		habitat.	
2 can live.		re few plants	
3. — have froz	-	 tats, and they	
		if the statement is corr	
		amels <b>live in some de</b>	
 3. It rair	ns often in tu	ındra.	
4. Grass	slands are h	ot and dry lands.	
Explain Explain			
1. What and tundra? How		e found in the arctic survive?	



1. Which habitat is more diverse? Why do you think it is more diverse?





water. 		th land and	
2			
		grasses.	
3.		trees.	
rue or Fo	alse: Write T	if the statement is c	orrect and F if not.
		oes not contain salt	
_ 2. Diffe	erent plants	and animals live in a	the ocean.
_ 3. Man	y animals us	se wetland to raise t	their young.
_4. The s	soil in wetlar	nds is always dry.	
xplain			
	it important	to protect a water	habitat?



1. Write three facts about a water habitat.