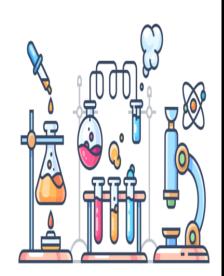


Interactive SCIENCE





UORKBOOK



for Kindergarten 3



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11110	W 011			\mathcal{G}°	-

Name: _____

K,G. 3 - ____

Name:				
Level and Section:	KG 3	_ [)ate:	
	Les	son: Picture Clues		
		that can help a pupil to ement used for a spec		word.
& measuri	ng cup.	er, tape measure, test to gles, gloves, lab gown,		
		are used to measur		
1.	2		3.	
PART CENTE STATE OF THE STATE O	5.		ROPE TO SERVICE TO SER	16 OZ 1 PINT 12 15 15 15 15 15 15 15 15 15 15 15 15 15
7.	8.		9.	



______Name:

Level and Section: KG 3 - ____

Date: _____

Lesson I: What Questions Can You Ask?



- I. Directions: Circle the picture that answers each question.
- I. Which object is light?

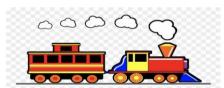






2. Which object can fly in the air?







3. Which animal can swim?



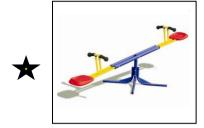




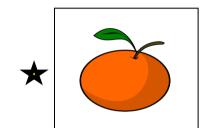


II. Directions: Match the question to its correct answer on the right.

I. Which object is soft? ★



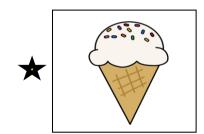
2. Which object is hot?



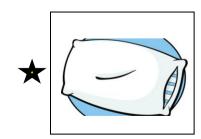
3. Which object is cold? ★



4. Which object can you go up and down?



5. Which object is round? *



New	Vision International Schoo
Riya	dh, Saudi Arabia



Name:		
Level and Section: KG 3	Dat	te:
Les	son 2: How do you observe	e?
We use ofWe use ofWe use ofWe use ofWe use of	our five senses to observe: eyes our eyes to see. our ears to hear. our nose to smell. our tongue to taste. our skin to feel/touch.	s, ears, nose, tongue, and skin.
I. A. Directions: Circle the	correct body part being o	asked for.
l. eyes		
2. ears		
3. nose		
4. tongue		
5. hand		AAA
	<u>L</u>	

B. Match each group of words to the correct picture.

I. I can see with my ____.



2. I can smell with my ____.



3. I can taste with my ____.





4. I can touch with my ____.





5. I can hear with my ____.

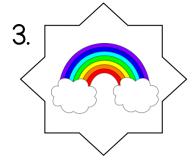




II. A. Identify the senses you use in each picture. Color the correct box.







see

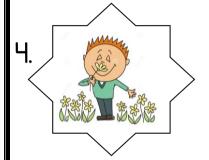
hear

taste

hear

touch

see







taste

smell

feel

hear

see

smell

B. Circle the pictures to answer the questions.

I. What can you observe by touching?







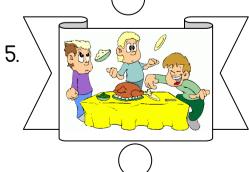
2. What can you observe by hearing?







New Vision International School **KG Section** Riyadh, Saudi Arabia Academic Year 2021 - 2022 Name: Level and Section: KG 3 - _____ Date: _ Lesson 3: How do you learn together? Learning together: sharing ideas to others **Examples:** coloring together doing activity together helping each other I. Directions: Check (\checkmark) if the picture shows learning together and (X) if not. 2. 3. 4





New	Vision	International	School
Riva	dh. Sai	ıdi Arabia	



 Name:		 	
Level and	d Section: KG 3 –	 Date:	

Lesson 3: How do you share what you learn?

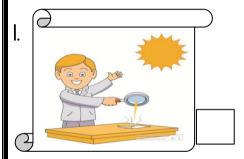


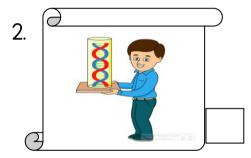


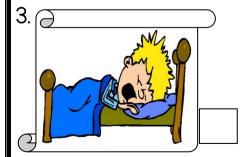
- Sharing what you learn: Examples:
- write and draw
- talk and show pictures

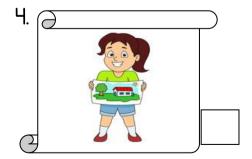


I. Directions: Color the box *red* if it shows sharing what is learned and *yellow* if not.











Name:

Level and Section: KG 3 - _____

Date: _____

Lesson 3: What do you use to observe?



- Tools used to observe: Magnifying glass/hand lens,
 - telescope, and microscope

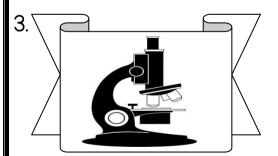
 Tools used to measure: weighing scale, ruler, thermometer, and measuring cup



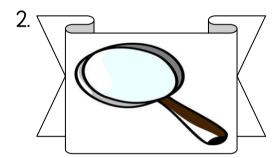
I.A. Name the tools which are used to observe. Circle your answer.



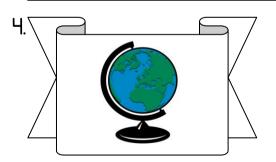
telescope - microscope



magnifying glass - microscope



magnifying glass - globe



telescope - globe



- B. Match to name the tools which are used to measure.
- I. pan balance •



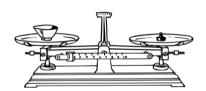




3. measuring cup ullet



4. thermometer •



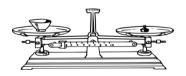
II. Circle the tool being asked for.

I. Which tool is used to observe the temperature?





2. Which tool is used to observe the places in the world?





3. Which tool is used to observe the stars at night?





New Vision International School Riyadh, Saudi Arabia	New Vision International School	KG Section Academic Year 2021 - 2022
Name:		
Level and Section: KG 3 –	Date:	
Lesson	3: How do you stay safe	?
♦ Wear the fo	e, we need to follow the insollowing things: goggles, la	b gown, Safe
I.A. Check () if the state	ement is correct and X if	not.
I. Rules and tools c	an help you keep safe.	
2. Untie your hair	when doing experiment.	
3. Hand all tools co	arelessly.	Science Safety
4. Wash your hand	ds.	Rules
5. Listen to your t	-eacher.	
6. Use unsafe tool	S.	
7. Wear safety go	oggles.	
8 Wear a lab aow	n when doing experiment	A MA

9. Eat/Drink inside the laboratory.

10. Clean your place before and after the activity.



<u>II</u>. Circle the picture that shows following the rule inside the laboratory and cross out (X) if not.

|



2.



3.



Ч.



5.



6.



7.



8.





Name:

Level and Section: KG 3 - ____

Date: _____

Lesson 3: Where do these animals get food?





- Habitat is a place where animals live.
- Animals get food in the place where they live: sea, desert, forest, pond, and tree.



I. Directions: Match the animals to the place where they get their food.

1.





2.



3.



4.



5.





















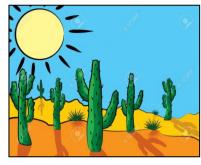
II. Name the places where the animals get their food.

desert tree forest pond sea

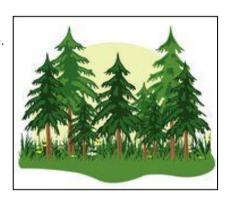
|.



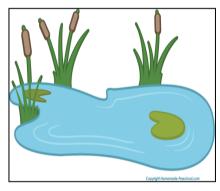
2.



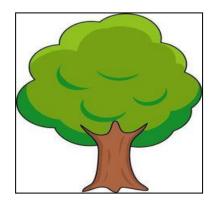
3.



4



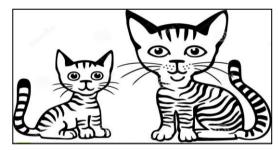
5.

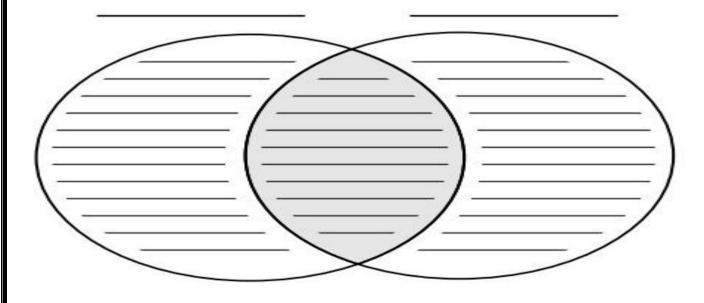


....

New Vision International School Riyadh, Saudi Arabia KG Section Academic Year 2021 - 2022
Name:
Level and Section: KG 3 Date: Lesson: Inquiry-Try It: Do plants need water?
Plants need water to live, grow, and survive.
Directions: Fill in the box with the answers from the activity that you
performed. What I did?
waaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
$\frac{What\ I\ learned?}{What\ I}$
CRITATION TO THE TOTAL TOTAL TO THE TOTAL TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL THE TOT

Directions: Compare and contrast the picture below using the Venn Diagram.





New	Visi	ion	International	School
Riya	dh,	Sau	di Arabia	



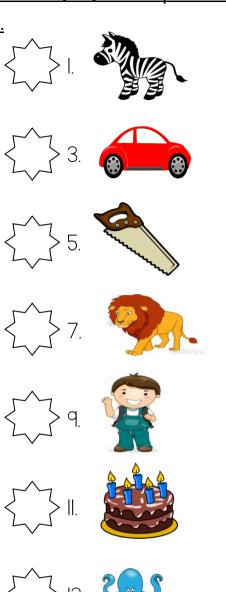
KG Section

Riyadh, Saudi Arabia	New Vision International School	Academic Year 2021 - 2022
Name:		
Level and Section: KG 3	Date:	
Lesson I:	What are Non Living Thir	ngs?
Selent 35 V		
 They don't have change on the two they don't new Examples: 	e things that don't have life. we the ability to give birth, grow eir own, or respond to. ed food, water, and air. ag, pencil, laptop, table, etc.	Nonliving Things Nonliving things do not eat, breathe, grow & reproduce.
I. Directions: Circle all the n	non living things in the pictu	<u>^e.</u>
1. SCHOOL BUS	2.	3.
4. \(\begin{picture}(10 & \\ 10 & \\ \\ 9 & \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \	5.	6.

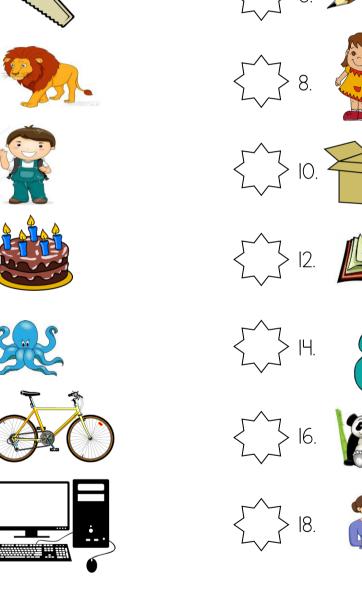


II. Check (\checkmark) if the picture shows non living things and cross out (X) if

<u>not.</u>







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Riva	dh. Sa	udi Arabia	



Name:				
Level and S	Section: KG 3		Date:	
\geq	Lesson 2: \	What are L	iving Things?	
 Living things are organisms that display the key characteristics of life. They have the ability to give birth, grow and change on their own, or respond to. They need food, water, air, and shelter. Examples: human, plant, tree, animals, etc. 				
I. Direction	<u>s: Using the words a</u>	bove, compl	ete the sentences bel	<u>ow.</u>
food	water	air	sunligh t	shelter
I. All li	ving things need		to drink.	
2. All I	iving things need		to eat.	
3. All I	iving things require <u>-</u>			
Ч. АП І	iving things need		to breath	⊖.
5. All I	iving things require _			

Riyadh, Saud		hool e L if living t	hings an	LEGHELL	f non living	Academic Y	G Section Year 2021 - 2022
	l. chicken				2. glass		
	3. toys				4. bird		
5	airplane	2000000			_6. butterf	ly	
/	7. tree				_8. monkey		
	9. turtle				IO. shoes		
III. Class	sify the fo	llowing word	<u>s in thei</u>	r prop	er column. (Choose fr	rom the box.
snake	boy	′	b	ell	tre	ee	fan
fish	cho	iir	sp	oider	dre	ess	gift
	LIVING	THINGS			NON LIV	ING TH	INGS
							Page 20

New Vision International School Riyadh, Saudi Arabia	New Vision International School	KG Section Academic Year 2021 - 2022
Name:		
Level and Section: KG 3 –	Date:)
Lesson 3	: What do plants need? —	
 Plants need water. Plants need air. Plants need light to Plants need space 	make food.	What does a plant need?
I. Draw the needs of the plant	inside the box.	

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Riya	dh, Sau	di Arabia	



Name: _______

Level and Section: KG 3 - _____

Date: _____,___

Lesson 4: What do animals need?



- Animals use plants and other animals as food.
- Animals get nutrients from food.



I. Directions: Draw a line to match the needs of the animal.



















New Vision International School Riyadh, Saudi Arabia	New Vision International School	KG Section Academic Year 2021 - 2022
Name:		
Level and Section: KG 3 -	Date: .	
Le	esson 5: What do you need?	
and love of	d food, water, air, sunlight, clothes,	shelter
I. Color the box if the chi	ild were able to meet the need	ds and cross (X) if not.
THE THE STATE OF T		

New Vision International S Riyadh, Saudi Arabia	chool	New Vi	ision I School	KG S Academic Year	ection 2021 - 2022
Name:					
Level and Section:	KG 3		Date:		
	Lesson	5: What do	you need?		
* Peop	love of a fami	hings. , water, air, sun		s, shelter,	
I.Directions: Identi	fy the need	ls of human. (Choose the	answer from t	the box.
food	wa ⁻	ter	air	clothes !	
 	shelter		love and co	! ure 	
		2		3	
4	- - -	5		6	

New	Vis	ion	International	School
Riva	dh.	Sau	ıdi Arabia	



Level and Section: KG 3 – ____

Date: _____

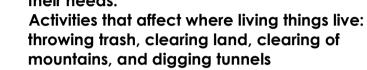
Lesson 6: How do living things affect where they live?







Living things make changes to meet their needs.

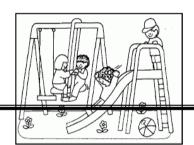




Directions: Circle the pictures that can affect the place where living things

ve.













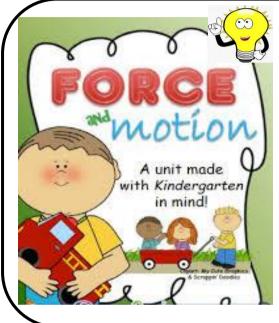


Name: ------

Level and Section: KG 3 - _____

Date: _____

Pre-Activity: Motion: What are position and motion?



Remember:

 Position - is a location relative to a reference point.

Examples:

over under below left

 Motion - change in the position of object over time.

A. Directions: Sing a song "Use some force" with a tune of "If you're happy and you know it."

Use Some Force!

If you want to move the ball,

Use some force.

If you want to move the ball,

Use some force.



If you want it to go far,

Kick it hard and there you are.

You just moved the ball by using

lots of force.



New Vision International School Riyadh, Saudi Arabia



KG Section Academic Year 2021 - 2022

If you want the swing to move,

Give a push. It starts to go

Use some force.

Back and forth, and did you know,

If you want the swing to move,

You got the swing to move

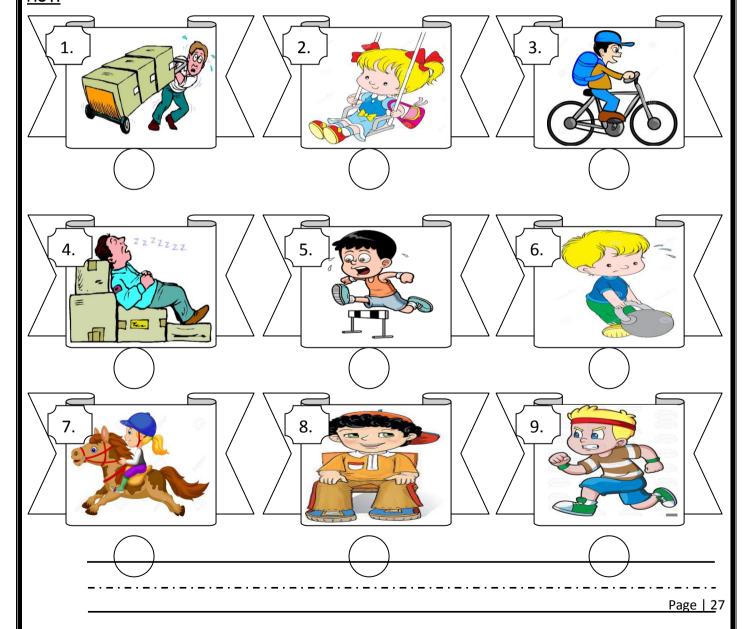
Use some force.

and did it using force.





B. Directions: Check (\checkmark) if the picture shows motion and cross out (X) if not.



New Vision International School Riyadh, Saudi Arabia Name:

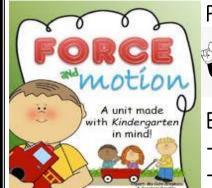


KG Section Academic Year 2021 - 2022

Level and Section: KG 3 - _____

Date: ____

Lesson I: What can you tell about an object's position?



Position - is its location relative to a reference point (or origin of a coordinate system).

> - it is a point where something is located or place**d**.

Examples:

- over

- under

- below

on

- above

- in

back

- right

- left

A. Directions: Match the object to its correct position.

I. above



2. below



3. front



4. right



5. left







Name:

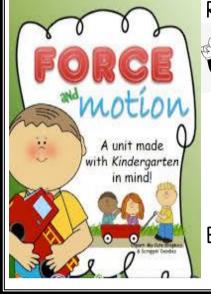
Level and Sect	ion: KG 3		Date:	
	Lesson: Interactivitie	es - Locating (Objects Position	
Directions: Ide	ntify the position of	the given ob	ojects. Choose your	answer
from the box.				
next to	back under		in between	on
		2.		
3.	analish Unite	Ч.		
5.	A Committed Loon of the	6.		
				Page 2



Name:

Level and Section: KG 3 - _____ Date: ______

Lesson I: What makes object move?



Remember:

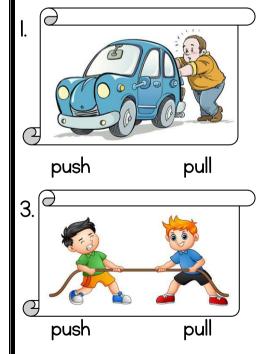
- You can use push and pull to move an object.
- A push or a pull can change how an object moves.
- Push and pull are forces.

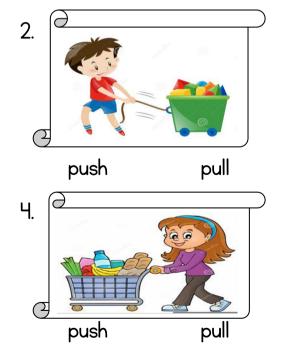
Examples:

pushing a cart

pulling a rope

I. Directions: Identify the given pictures if the force used is push or pull. Circle the correct answer.





New Vision	KG Section Academic Year 2021 - 2022
Date	ə:
on I: What makes object mov	e?
ord to its correct picture	
	2.
push	3 3 3 3 3 3 3 3 3 3
pull	• 4.
Pan	• 6.
push and a pull in the box.	to SQ marco 0 (
	Pull Page 31
	push pull

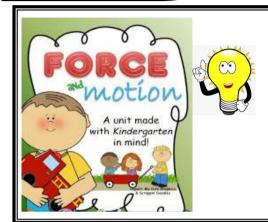


Name:

Level and Section: KG 3 - _____

Date: _

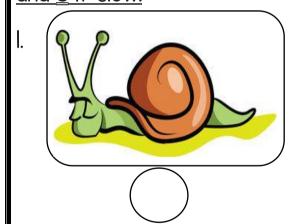
Lesson 2: What are some ways objects move?



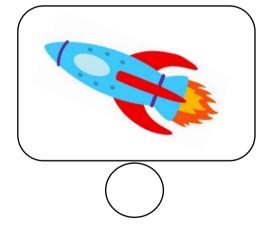
Remember:

- Objects may move fast or slowly.
- A big push or pull can speed up an object.
- A big push or pull can slow down object.

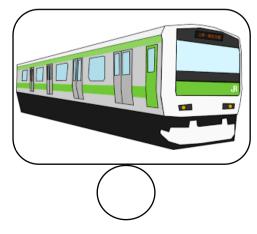
I. Directions: Identify if the object moves fast or slow. Write <u>F</u> is fast and S if slow.



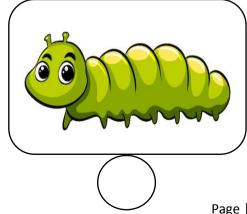
2.



3.



4.



New Vision International School Riyadh, Saudi Arabia

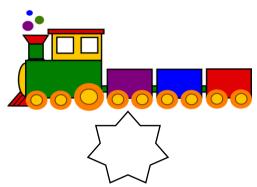


KG Section Academic Year 2021 - 2022

II. A. Directions: Arrange the following objects on how they move from slowest to fastest.







B. Directions: Arrange the following from fastest to slowest.





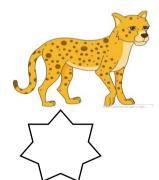






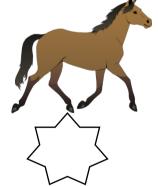


C. Directions: Arrange the following from slowest to fastest.









D. Directions: Arrange the following from fastest to slowest.











Page | 33

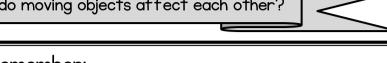
New	Vision	International School
Riya	dh, Sau	ıdi Arabia

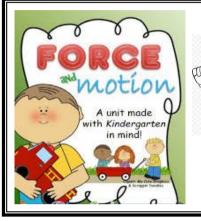


Level and Section: KG 3 - _____

Date: _____

Lesson 4: How do moving objects affect each other?







- Moving objects can run into each other.
- They push on each other. They might start moving or stop moving.
- They might speed up or slow down .
- They might change direction.

I. Directions: Answer the following questions?



I. What will happen if you kick the ball gently?

2. What will happen if you kick the ball hard?



II. Circle the picture which shows that moving object affect each other.







New Vision International School Riyadh, Saudi Arabia	KG Section Academic Year 2021 - 2022
Name:	
Level and Section: KG 3	_ Date:
Lesson: Hov	v can you move the car?
Remotion A unit made with Kindergarten in mind!	 There are other ways to move the car: fast, slow, back and forth, curve, and angle. By pushing and pulling, you can move the car.
I. Directions: Write the other	r ways on how you can move the car.
How	a Car Can Move
l.	
2.	
3.	
Ч.	

5.

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Riya	dh, Sau	ıdi Arabia	



Name:			
Level and Sect	ion: KG 3	Date:	
		es (Push and Pull) expectation Activity	
I. Directions: [Do what is being told	to.	
I. Circle words	s to tell what happens	s after a soft push.	
2. Underline w	ords to tell what hap	ppens after a hard push.	
near	fast	far	slow
II. Observe an	nd Draw		
I. Draw the ob	ject.		
2. Push or pull	the object.		
3. Draw an ar	row to show the dire	ection of the push or pull.	
4. Draw the ol	oject again at the en	d of the arrow.	
			Page 36



III. Directions: Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or pull.

A. Soft push on track

- I. Draw a line where the car stops.
- 2. Tell about the motion. Circle the word.

fast

slow

B. Hard push on track

- I. Draw a line where the car stops.
- 2. Tell about the motion. Circle the word.

fast

slow

C. Soft push down ramp

- I. Draw a line where the car stops.
- 2. Tell about the motion. Circle the word.

slow

D. Hard push down ramp

- I. Draw a line where the car stops.
- 2. Tell about the motion. Circle the word.

fast	slow

E. Compare

I. How does the car move with a ramp? Circle the words.

faster	slower	farther	closer	same

New Vision International School Riyadh, Saudi Arabia	KG Section Academic Year 2021 - 2022
Name:	
Level and Section: KG 3	Date:
Lesson: Inquiry	- Try It: How does weather change?
Recombination of the substantial and the subst	 Weather - the state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain, etc. It is a day-to-day temperature and precipitation activity.
I. Directions: Look at the pibelow.	icture. Then, answer the graphic organizer
	What is it like in the picture?

Name: ------

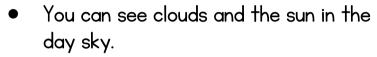
Level and Section: KG 3 - _____

Date: _____

Lesson I: What can you see in the day sky?

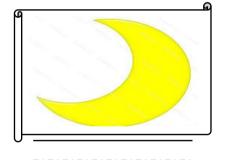


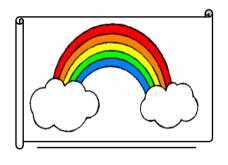
Remember:

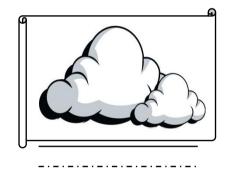


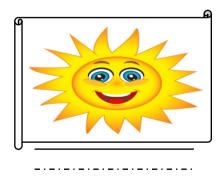
- Sometimes you can see the moon in the day sky.
- I. Directions: Name the things you can find in the day sky. Choose the answer from the box.

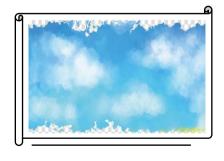
cloud blue sky rainbow moon sun







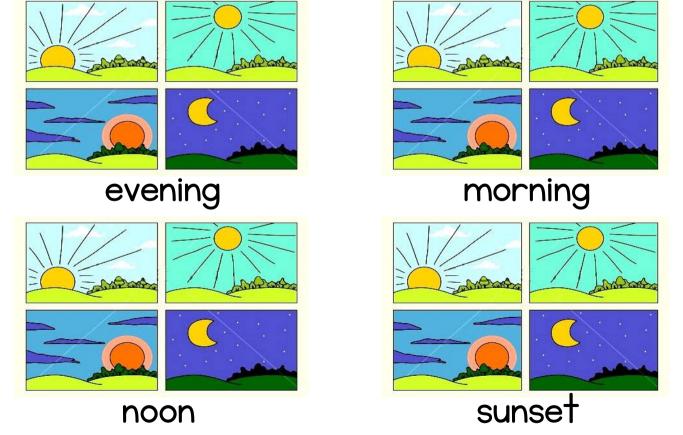








II. Directions: Draw th	ne things you c	an find in the d	<u>ay sky.</u>
III. Infer: It is daytin		nnot see the sur	n. Suggest a reason
why you cannot see th	ie sun.		
IV. Apply: When you lobesides the sun, clouds		sky, do you ever	see other things
			Page Al



B. Explain why the plant needs a sun.



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Name: -		 	
Level an	nd Section: KG 3 –	 Date:	

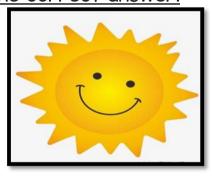
Lesson 4: What are some kinds of weather?



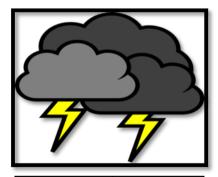
Remember:

- The weather can change every day.
- The weather maybe sunny, cloudy, windy, rainy or snowy.
- The weather can be shown on a calendar.
- The weather is always changing within day.

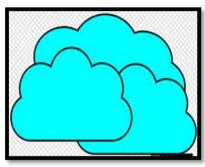
I.Directions: Identify the kinds of weather being shown. Color the box of the correct answer.



rainy sunny



stormy cloudy



cloudy stormy



sunny windy



rainy windy



rainy snowy

New Vision International School Riyadh, Saudi Arabia	KG Section Academic Year 2021 - 2022
Name:	
Level and Section: KG 3 –	Date:
Lesson 5: How	can we use rock, soil, and water?
ROCKS, SOIL, & Water Cycle By: Amanda Richardson	Remember: We use rocks to build. We build houses, roads, and walls. We use soil to grow plants for food. We can use water to drink, wash, cook, and clean.
I.Directions: Draw how we	can use our natural resources.
Soil	Rocks
	Water

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Name: ------

Level and Section: KG 3 - _____

Date: _____

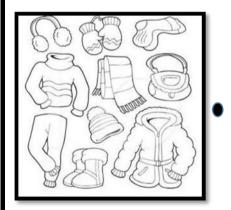
Lesson: Big World my World - Ready for the Weather



Remember:

- We can use different types of clothes for different types of weather
- In winter, we can wear scarf, jacket, and mittens
- In summer, we can wear shorts, t-shirl, etc.

I.Directions: Match the picture to its correct word for weather.



rainy

winter

summer





New Vision International School Riyadh, Saudi Arabia	KG Section Academic Year 2021 - 2022
Name:	
Level and Section: KG 3	Date:
Lesson I :	: What problem can you solve?
Engineering Process PNG, 300dpi Improve Engineering Process Plan Create	 Remember: problem - a matter or situation regarded as unwelcome or harmful to be dealt with and overcome solution - a means of solving a problem or dealing with a difficult situation Example: When you drink from a glass, you might spill. A straw is the solution.
I.Directions: Solve the pro	oblem.
Problem:	
Solution:	



Name: ------

Level and Section: KG 3 - _____

Date: _____

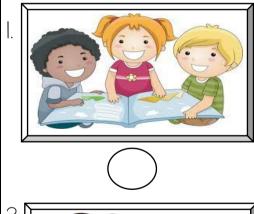
Lesson 3: How can you share your ideas with others?

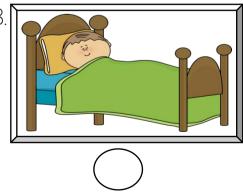


Remember: 😲

- You share ideas by showing your work to others.
- One way of sharing your idea is by showing what you draw.
- You can also help others if they have a hard time solving ones problem.

<u>I.Directions: Shade the circle if it shows sharing ideas to others and cross out (X) if not.</u>









New Vision International School Riyadh, Saudi Arabia	KG Section Academic Year 2021 - 2022		
Name:			
Level and Section: KG 3	. Date:		
Lesson: Investigate It! : Ho	w can you lift heavy things?		
 Remember: You can lift heavy objects by pushing and pulling on a ramp. Ramp is an inclined plane, a type of simple machine used for lifting heavy objects. 			
Modify Your Investigation			
Investigate the Question			
How can you move other objects up?			
I. Draw two ways.			
Way I	Way 2		

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