

THE ASIAN INTERNATIONAL SCHOOL

SCIENCE MOVERS 1

REVIEW FOR MIDTERM 2 TEST

Student's English name: ..... Class: .....

Unit 8.2 "What are some ways matter can change?" (page 94)

1. Fill in the gaps.

evaporate      liquid      sinks      mixture      separate

- 1) A \_\_\_\_\_ is something made up of two or more kinds of matter.
- 2) You can \_\_\_\_\_ a mixture to see its parts.
- 3) You can let the water \_\_\_\_\_.
- 4) Evaporate means to change from a \_\_\_\_\_ to a gas.
- 5) Solid matter, like sand, \_\_\_\_\_ in water.

2. Mark (✓) mixtures.

- a) a fruit salad
- b) an apple
- c) sand and water
- d) salt and water
- e) water

Unit 8.3 "How can water change?" (pages 95-97)

3. Matter can be changed. Water is matter. How can it change?

solid	liquid	gas	ice	temperature
			melt	boils
				volume

- 1) When water changes from a liquid to a \_\_\_\_\_, it becomes \_\_\_\_\_.
- 2) The \_\_\_\_\_ at which water changes into ice is  $0^{\circ}\text{C}$ .
- 3) When water vapor cools down, it changes from a \_\_\_\_\_ to a \_\_\_\_\_.
- 4) Ice and snow \_\_\_\_\_ when the air warms.
- 5) Water \_\_\_\_\_ and changes to water vapor when it reaches  $100^{\circ}\text{C}$ .
- 6) \_\_\_\_\_ is the amount of space matter takes up.

4. Read and circle T (True) or F (False).

The volume of a liquid stays the same when it is poured into different kinds of containers.



Container 1



Container 2



Container 3

The same amount of water was used to fill each of these containers.

1. The water takes the same shape in each container. T / F
2. There is more water in Container 1 than in Container 2. T / F
3. The volume of water in each container is the same. T / F

Unit 9.1 "What is sound" (pages 101-103)

5. Fill in the gaps.

sound	pitch	back	volume	hear
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- 1) Sound is a form of energy. You \_\_\_\_\_ sound.
- 2) When an object vibrates, it makes \_\_\_\_\_.
- 3) Vibrate means to move quickly \_\_\_\_\_ and forth.
- 4) \_\_\_\_\_ means how low or high a sound is.
- 5) \_\_\_\_\_ means how loud or soft a sound is.

6. Read and circle T (True) or F (False).

1. You hear sounds from objects that vibrate. T / F
2. Vibrate means to move slowly in one direction. T / F
3. Vibrations travel through the air to your ears. T / F

7. Mark objects (✓) that make low pitch sounds.



8. Volume: Soft (S) or Loud (L)?



9. Look, read, and underline correct answer.



A tuba vibrates quickly / slowly.  
It makes high / low pitch sound.



A flute vibrates quickly / slowly.  
It makes high / low pitch sound.

## 10. Match.

Motion	means you push a truck one way and then another way.
Zigzag	is the act of moving.
A force	is a push or a pull that makes something move.
surface	An object will move in the ___ you push or pull it.
direction	How fast and far an object moves depends on the ___.

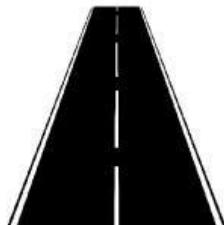
11. Label the pictures.

**back and forth**

around and around

**zigzag**

straight line



Unit 9.3 "What are magnets?" (pages 107-109)



12. Read. Fill in the gaps.

attract      pole      magnets      repel

\_\_\_\_\_ can push or pull some metal objects.

\_\_\_\_\_ means to pull toward.

\_\_\_\_\_ means to push away.

A \_\_\_\_\_ is the place on a magnet that has the strongest push or pull.

13. Read and circle T (True) or F (False).

1. Two south poles together attract each other.      T / F
2. Opposite poles attract each other.      T / F
3. If poles repel, they move toward each other.      T / F