

Rainbow International School, Riyadh

Science

Revision Sheet

Grade 4

Fill in the blanks:

1. There are \_\_\_\_\_ states of matter.
2. \_\_\_\_\_ , \_\_\_\_\_ and \_\_\_\_\_ are the states of matter,
3. Air is a mixture of \_\_\_\_\_.
4. In \_\_\_\_\_ state the particles just vibrate.
5. \_\_\_\_\_ has most freedom of movement.
6. \_\_\_\_\_ exists in all three states on earth.
7. Gaseous state of water is called \_\_\_\_\_.
8. \_\_\_\_\_ have definite volume but no definite shape.

9. Solids have a \_\_\_\_\_ shape and definite  
\_\_\_\_\_.
10. Volume of \_\_\_\_\_ change depending on their  
container.
- 11.. The melting point of ice is \_\_\_\_\_ degree Celsius.
12. The boiling point of water is \_\_\_\_\_ degree  
Celsius.
13. Beating a drum is a \_\_\_\_\_ of sound.
14. Drum, tambourine and maracas are \_\_\_\_\_  
instruments.
15. The shorter the length of the string , the  
\_\_\_\_\_ the pitch.
16. Flute and panpipes are \_\_\_\_\_  
instruments.
17. Sound travel \_\_\_\_\_ in solids than in liquids.

**RELEASE ENERGY OR ABSORBS ENERGY?**

1. When solid changes to liquid, it \_\_\_\_\_  
energy.
2. When liquid turn to gas , it \_\_\_\_\_ energy.
3. When liquid turns to solid , it \_\_\_\_\_  
energy.

### True or False:

1. There are 4 states of matter
2. The two states of matter you can see are liquid and solids
3. All matter has a mass and takes up space.
4. Only non-living things are matter
5. Water can be solid, liquid and gas.
6. Solids change their shape depending on the container that they are in.
7. Liquids change their shape depending on the container that they are in.
8. You can't see most gases.
9. The melting point of ice is 4 degree Celsius.
10. A substance freezes when it is heated.
11. Metals can't be melted easily at home.
12. Particles in steam have more energy than the particles in liquid water.
13. Sound travels in straight line.
14. Volume of sound can be described as high and low.
15. Sound travels faster through solids than in gases.
16. A whistle makes a sound with high pitch.
17. A flute makes a sound with only high pitch.
18. When something shakes very fast, its pitch will be high.
19. If the length of the flute is longer, it produces a low pitch sound.
20. One way to make a low pitch sound with a stringed instrument is by stretching the string.

## Answer key

### Grade 4

#### Fill in the blanks.

1. Three
2. Solid, liquid, gas
3. Gases
4. Solid
5. Gases
6. Water
7. Water vapour
8. Liquid
9. Definite ,volume
- 10.Gases
- 11.Zero
- 12.100
- 13.Source
- 14.Percussion
15. Higher
- 16.Wind
- 17.Faster

#### Release energy or absorbs energy.

1. Absorbs

**2. Absorbs**

**3. Releases**

**True or False**

1. False
2. True
3. True
4. False
5. True
6. False
7. True
8. True
9. False
10. False
11. False
12. True
13. False
14. False
15. True
16. True
17. False
18. True
19. True
20. True