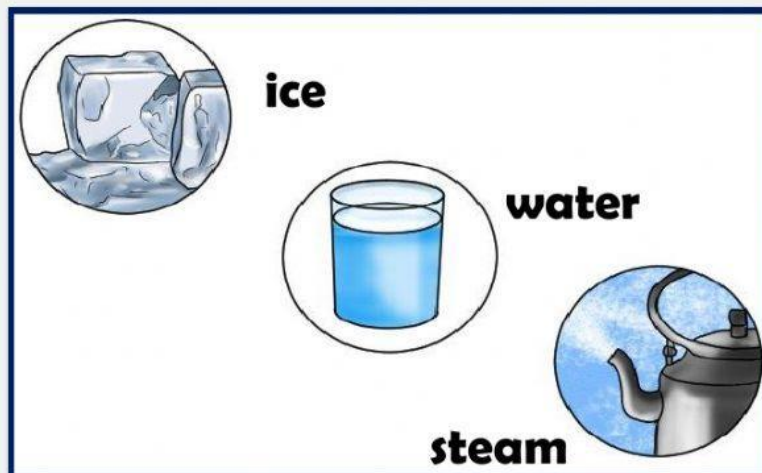


# SCIENCE MATTERS!

## MATTER: PHYSICAL & CHEMICAL CHANGE



1. "Matter is anything that takes up space and has weight." Name the **THREE** states of matter. Give an example of each

| MATTER | EXAMPLE |
|--------|---------|
|        |         |
|        |         |
|        |         |

2. Name the type of energy that is required to change the ice to water. [1]
3. Name **THREE** physical properties that can be observed. [1]
4. When a physical property is changed, it is called a
5. Name **FOUR** physical properties that can be measured. [1]

6. Use the pictures below to answer the following questions.

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |   |
| <b>Sunflower oil</b>                                                              | <b>Coal</b>                                                                       | <b>Butter</b>                                                                       |
|  |  |  |
| <b>sand</b>                                                                       | <b>chocolate</b>                                                                  | <b>paper</b>                                                                        |
|  |                                                                                   |                                                                                     |
| <b>concrete bricks</b>                                                            |                                                                                   |                                                                                     |

I. Which materials will melt when warmed (gently heated)? [1]

- A. coal and butter
- B. chocolate and butter
- C. sand and chocolate
- D. sand and coal

II. Which materials will burn when heated in a hot flame? [1]

- A. paper and coal
- B. paper and chocolate
- C. sand and coal
- D. sand and chocolate

III. Which materials will **NOT** change when warmed (gently heated)? [1]

- A. coal and paper
- B. sand and brick
- C. paper and brick
- D. sand and coal

7. Choose the correct word that helps complete each of the following definitions.

\_\_\_\_\_ is anything that occupies space and has mass.

Liquids take on the shape of its \_\_\_\_\_. [2]