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Grade- 8

Week 6

Subject - Science

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Changes of Matter

1. What are open systems and closed systems?
2. Study the activity 8.8 in page No. 113 of your text book.
 1. What is the difference between the mass before the reaction and after the reaction ?
 2. Explain the reasons for above difference scientifically?
3. Study the activities 8.9 and 8.10.
 1. What can you say about the mass before the reaction and after the reaction ?
 2. Explain the reasons for it.
4. 1. Who found that the total mass of the reactants is equal to the total mass of the products after the reaction?
 2. What is that law?
5. Write down the steps of an experiment which can do in a school laboratory to prove the law of Conservation of mass.

Magnesium + Oxygen \longrightarrow Magnesium Oxide

In this chemical reaction name the reactants and products.

5. How do you identify if a chemical reaction is occurred?