

Day: Thursday	Class: 6/3	Topic: chemical change	Date:30/3/2016
Objectives	Activities	assessment	Tool
<p>To classify chemical reactions into combination reactions, Decomposition reactions and replacement reactions.</p> <p>Level of objective: analysis Time: 20 min</p> <p>Method: Discussion (questioning)</p>	<ol style="list-style-type: none"> 1- Show students video about chemistry of bread. 2- Ask students (what did happen to bread). What did cause this phenomena 3- Tell students that CO₂ made the bread bigger. 4- Where did carbon dioxide come from? We are going to know that after finish the lesson. 5- Choose two students and let They stand in front of class. 6- Did these two students represent two pieces or one piece? 7- Ask one students to shake hand of another one 8- Did these students become one pieces? 9- Tell students that same thing happen in combination reaction. 10- Ask one students to read the definition. 11- Ask students to give you two elements. 12- Tell students that when we combine these two elements, the product will be one compound 13- Ask student to give you two examples of compound. 14- Tell students that when we combine these two compound, the product will be more complex compound. 15- What do you see in the picture? 16- Explain that the picture show Rust. 17- What is two reactant that make the rust? 18- Tell students that rust created from combination of iron and Oxygen. 19- Give students more examples that explain the combination reactions. 20- Ask students if the reaction in slide 5 consider as a combination reactions or not. Why? 21- Ask three students to hold each other. Then separate them 22- Ask students (what did happen?) 23- Tell students that same thing happen in Decomposition 	<p>classify chemical reactions into combination reactions, Decomposition reactions and replacement reaction</p>	<p>1- Smart board.</p>

	<p>reaction.</p> <p>24- Ask one student to read the definition of Decomposition.</p> <p>25- Explain that Decomposition happen when we separate the element in the compound.</p> <p>26- Ask students what is reactant and what is product in chemical equation in slide 6</p> <p>27- Ask students what happen in the chemical equation.</p> <p>28- Tell students that the reactant in the chemical equation turn to simple element</p> <p>29- Give students more example to explain the Decomposition reaction.</p> <p>30- Show students video about application of decomposition reaction. (Electrolysis of water)</p> <p>31- What did you see in video?</p> <p>32- What kind of reaction did happen in video?</p> <p>33- Choose four students. Put them in pair. Ask two students to change their place.</p> <p>34- Ask students (what did happen?)</p> <p>35- Same thing happen in replacement reaction.</p> <p>36- Show students replacement equations. (What did happen to the reactant?)</p> <p>37- Tell students that the element change its place during reaction</p> <p>38- Give students more examples that explain replacement reactions. Ask students about reactants that change their place.</p> <p>39- Show students video about replacement reactions. (free choice)</p> <p>40- Are the following reactions a replacement reaction?) Why? (use equations in part three of power point)</p>		
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