

CHEMICAL REACTIONS & EQUATIONS

1. Photosynthesis Reaction:



2. Formation of Slaked Lime



(it is also called $\text{Ca}(\text{OH})_2$, so don't get confused)

3. **Whitewashing of walls** : Calcium hydroxide reacts slowly with the carbon dioxide in air to form a thin layer of calcium carbonate on the walls. Calcium carbonate is formed after two to three days of white washing and gives a shiny finish to the walls. It is interesting to note that the chemical formula for marble is also CaCO_3 .



4. Decomposition Reaction:



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Shasha Hu



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