

## **Fifth Grade Student Skills of Reading Illustrated Drawings in Physical and Chemical Changes Included in Science Textbook**

**Authors :** Sozan H. Omar, Lina L. Al-Rewaili

**Abstract :** The current study aimed to measure the fifth Grade student skills of reading illustrates in physical and chemical chapter included in science textbook, as well as identity the tasks the dispersants related to designing these illustrates which obstruct the students to read them properly. The researcher applied the test instrument of open discuss questions to measure the skill of: recognizing, description, interpretation and assessment for a sample of this research consisted of (269) students who read three illustrates, and conduct an interview with sample of them (27) students to recognize the dispersants related to designing of these illustrates. The study results showed that there are poor levels in illustrated drawing reading skills: description, interpretation, and assessment. The most important dispersants which obstruct the students to read these illustrates properly representing: Art impacts of these illustrates, there are some elements which don't serve these illustrates. In the light of the above results, the researcher provided some recommendations such as training the students on using the images and illustrates properly in science textbooks, as well as create simple designs of illustrates and they should be free of crowded elements and impacts which don't serve the illustrates.

**Keywords :** reading illustrated drawings skills, fifth grade science, physical and chemical changes

**Conference Title :** ICSRD 2020 : International Conference on Scientific Research and Development

**Conference Location :** Chicago, United States

**Conference Dates :** December 12-13, 2020