

## DEVELOPING GUIDE MATERIAL STUDY FOR THE "LIGHT" UNIT IN THE SCIENCE AND TECHNOLOGY COURSE

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### Abstract

The Science and Technology course is a discipline that could develop negative attitude because it generally contains abstract concepts and thus leading to students' inability to associate available knowledge to their daily life and to carry out scientific questioning to the full extent. In this regard alternative methods and techniques are implemented to increase the motivation and interest level of students in the Science and Technology course in addition to obtaining knowledge. One of such methods and techniques is the concept caricature. Concept caricatures are visual tools that incorporate caricatured characters expressing their thoughts on a subject or situation based on scientific knowledge related to the daily life. While just one of these characters speaks information related to the subject, others express misconceptions. Use of materials prepared with concept cartoons that can be used for various purposes such as identifying-eliminating misconceptions of students, creating in-class discussion environment, assessing students, increasing learning skills and associating the subject with daily life in the Science and Technology course creates a visual and entertaining learning environment. In this regard, the study aims to develop guiding material enriched with concept cartoons for the "Light" unit students of 7th grade. The material will be of use for the researchers and teachers related to the concept cartoons subject.

**Key Words:** Science and Technology, concept cartoons, "Light" unit.