

Abstract

The development of nuclear technology for peaceful purposes and as an environmentally friendly source of safe funds in its use becomes a challenge for the international community. While the interest of Indonesia's young generation of subjects and professions related to science or science is considered stagnant and even declining. In fact, the mastery of science is needed to improve the quality of human life on earth through various innovations and technologies developed by young people today. Based on the 2013 revision curriculum 2016, the allocation of time for atomic and nuclear physics learning materials in a week is 4 hours and it is given at the time of grade 2 High school. Teenagers who have an interest in a subject matter will need a learning supplement. The learning supplement may be another information medium different from the existing syllabus of the curriculum, it becomes the background of this design and research. The method used in this design using qualitative methods of observation, questionnaire, and literature study. This research and design seeks to create a medium of information and learning about the benefits and harm of nuclear energy. Design media created is a picture illustrated book with the target audience of adolescents aged 15-20 years. The design of this illustrated science book aims to attract teenagers to the field of nuclear science and technology development.

Key Word : Science, Teenagers, Nuclear