

VIEWES OF SCIENCE TEACHERS ABOUT NANOTECHNOLOGY

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Abstract

The aim of this study is to reveal the views of science teachers about nanotechnology. The participants; 10 science teachers working in the elementary schools in Afyonkarahisar. The study was designed as qualitative research. The data collection tool was an interview form with seven open-ended items which was developed by the authors. It was reviewed by field experts, used in pilot study before finalizing. Semi-structured interviews were conducted. The data were examined using the descriptive analysis method. The findings showed that half of the participants could not define nanotechnology using scientific language. The other half of the participants reported that nanotechnology did not have place in our life and emerged due to needs. Most of the participants stated that; nanotechnology is mostly used in textile industry; there is not enough studies on nanotechnology in Turkey. It is found that participants had actual information about nanotechnology, not scientific knowledge about it.

Keywords: science, science teachers, nanotechnology.