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The Effect of Pondering over the Holy Quran on Science Habits of Mind of Grade Nine Students in Omani Schools

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ABSTRACT

The Holy Quran encourages the functioning brain to reach the truth and understand this universe by using mental habits: "For the worst of beasts in the sight of Allah are the deaf and the dumb, - those who do not understand" (22:8). In contrast, science emphasizes the importance of mind habits in learning and applying it peacefully to humanity. However, recent studies have not investigated the distribution of Holy Quran verses in developing scientific habits of mind. This research aimed to assess the effect of pondering over the Holy Quran verses on the students' scientific habits of mind. The study participants consist of 94 science students in grade 9 in from two schools in Oman. This study highlights the importance of subjects' integration and enhances meaningful learning. This semi-experimental research adopted Solomon four groups and applied well-developed two tools, namely, habits of mind scale and semi-instructed interview. The results showed there is significant difference in the post-test mean scores of scientific habits of mind between non-prettested groups compared to the experimental group. The combination between science subject and Holy Quran verses related to science enhances students' scientific habits of mind. Thus, activating verses in science classes should be encouraged in science curricula.

KEY WORDS

Habits of mind, pondering over Quran, Oman, science subject, Solomon four-group design

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