

Integrating Religion in Science Learning in the Islamic Boarding School (Pesantren) Context

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ABSTRACT

Integrating religion into science learning will result in several problems, specifically in teaching crucial scientific concepts, such as in the context of man and the universe's origin. Teachers and students are likely to face complex problems when learning science is separated from the context of religion because it requires an understanding of religious values and principles. The emergence of Islamic boarding schools, famous for their religious scientific tradition in collaboration with science education, such as the Tebuireng science Junior High School, can be an alternative model for integrating religion in science learning. Islamic boarding schools in Indonesia are called *pesantren*, which are the oldest educational institutions and have become a subculture of education in Indonesia. Therefore, this qualitative study was conducted at the Tebuireng Islamic Boarding School, Jombang, Indonesia. From the results of data analysis, the pattern of integrating religion in science learning was carried out through Informative, confirmative, and corrective integration, where religion provides information to science, science confirms religion, and religion corrects science, respectively. This integration pattern is expected to be a solution that can defuse the debate about the integration of religion and science in science education with implications for methodological and theoretical developments in science learning.

Kata Kunci: *integration, learning, science, religion, Islamic boarding school (pesantren)*