

**SURVEI PEMETAAN PROSES PEMBELAJARAN BIOLOGI BERBASIS  
PENDEKATAN SAINTIFIK (*SCIENTIFIC APPROACH*) DI  
SMA MUHAMMADIYAH1 MEDAN T.P 2017/2018**

**Nuri Andriani (NIM 4133341064)**

**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui: (1) Hasil penilaian RPP yang disusun guru biologi dengan menggunakan instrumen penilaian RPP berbasis Kurikulum 2013; (2) Hasil penilaian penerapan pembelajaran biologi berbasis pendekatan saintifik dengan RPP; (3) penerapan pengalaman belajar pendekatan saintifik pada pembelajaran biologi; (4) pengalaman belajar pendekatan saintifik yang masih mengalami kendala (tidak dominan) pada penerapan pendekatan saintifik pada pembelajaran biologi (5) solusi dalam memecahkan kendala penerapan pengalaman belajar pendekatan saintifik pada pembelajaran biologi di SMA Muhammadiyah 1 Medan Tahun Pembelajaran 2017/2018. Penelitian ini dilaksanakan dengan menggunakan metode penelitian deskriptif kuantitatif. Populasi dari penelitian ini adalah guru biologi kelas X dan XI MIA SMA Muhammadiyah 1 Medan yang berjumlah 1 orang dan 112 siswa kelas X dan XI MIA SMA Muhammadiyah 1 Medan. Jumlah sampel pada penelitian ini adalah 1 orang guru biologi dan 80 siswa. Data penelitian diambil dari hasil observasi, angket, wawancara, dan dokumentasi. Hasil penelitian menunjukkan bahwa : (1) kesesuaian RPP yang disusun guru biologi dengan RPP Kurikulum 2013 tergolong kategori baik dengan persentase sebesar 87,96 % (2) Kesesuaian pelaksanaan pembelajaran biologi dengan RPP tergolong dalam kategori baik dengan presentase 83%; (3) penerapan pengalaman belajar pendekatan saintifik secara keseluruhan yang dilakukan siswa tergolong kurang dengan presentase 46% dengan pengalaman belajar berupa membaca, mendengar, menyimak, dan melihat; (4) Pengalaman belajar pendekatan saintifik yang tidak dominan pada pembelajaran biologi adalah mengasosiasikan tergolong kategori kurang dengan presentase 9%; (5) Solusi untuk mengatasi kendala memberikan latihan kepada siswa untuk memecahkan masalah dan memberikan argumen, menggunakan media pembelajaran; memberikan reward dan menyediakan referensi belajar untuk siswa; melakukan diskusi teman sejawat.

**Kata Kunci:** *pendekatan saintifik, pembelajaran biologi, SMA*

**MAPPING SURVEY OF BIOLOGICAL LEARNING PROCESS BASED  
ON SAINTIFIC APPROACH IN SMA MUHAMMADIYAH 1 MEDAN  
LEARNING YEAR 2017/2018**

**Nuri Andriani (NIM 4133341064)**

**ABSTRACT**

*This research aimed to know: (1) The results of the plan of learning assessment prepared by biology teachers using the 2013 curriculum-based RPP assessment instrument; (2) The results of the assessment of the application of biology learning based on a scientific approach to the implementation of learning plans; (3) implementing of learning experience of scientific approach in biology learning; (4) experience learning of scientific approach that is still relatively difficult (not dominant) on the implementing of scientific approach in biology learning (5) solutions in solving obstacles of implementing learning experiences of scientific approach in bology learning biology at Senior High School Muhammadiyah 1 Medan learning year 2017/2018. This research was conducted using quantitative descriptive research methods. The population of this research was the biology teacher of class X and XI Mathematics and Natural science in Senior High School Muhammadiyah 1 Medan which amounted to 1 person and 112 students of class X and XI Mathematics and Natural science in Senior High School Muhammadiyah 1 Medan. Total of samples in this research were 1 biology teacher and 80 students. The research data was taken from the results of observations, questionnaires, interviews, and documentation. The results showed that: (1) the suitability of plan of learning was made by biology teacher with plan of learning of curricullum 2013 belonging to the category was good with a percentage of 87,037% (2) the Suitability of the implementing of biology learning biology learning based on scientific approach with the implementation plan of learning belonging to the category was good with a percentage of 83%; (3) the implementing of learning experience of scientific approach in biology learning by students overall was less with a percentage of 46% with the learning experience in the form of reading, listening, reading, and seeing; (4) The learning experience of a scientific approach that is not dominant in biology learning is associating in the category of less with a percentage of 9%; (5) Solutions to overcome obstacles provide training to students to solve problems and provide arguments, using learning media; provide rewards and provide learning references for students; doing peer discussions.*

**Keywords:** *scientific approach, biology learning, high school*