

ABSTRAK

Nur Astri, NIM. 4172141013 (2021). Efektivitas Pembelajaran Biologi Berbasis Online Menggunakan Google Classroom Pada Materi Pencemaran Lingkungan Dikelas X SMA Negeri 2 Percut Sei Tuan T.P. 2020/2021.

Penelitian ini di latar belakang oleh dampak pandemi *Corona Virus Disease* (Covid-19) yang mengharuskan proses pembelajaran dilakukan secara daring (*online*) untuk menekan persebaran virus Corona. Penelitian ini bertujuan untuk mengetahui efektivitas dan proses pembelajaran biologi berbasis *online* menggunakan *Google Classroom* terhadap hasil belajar siswa pada materi pencemaran lingkungan kelas X IPA di SMA Negeri 2 Percut sei tuan. Penelitian ini dilakukan pada Februari-November 2021. Jenis penelitian ini penelitian deskriptif kuantitatif. Populasi dalam penelitian ini seluruh siswa kelas X IPA SMA N 2 Percut Sei Tuan. Instrumen yang digunakan berupa tes kognitif dan angket. Pembelajaran *online* berbasis *Google classroom* pada materi pencemaran lingkungan dapat dikategorikan efektif, dimana rata-rata hasil belajar siswa yaitu 75,71 dengan nilai tertinggi 100 (1,43%) sedangkan nilai terendah 60 (12,86%).

Kata Kunci: *Pembelajaran online, Google classroom, Pencemaran lingkungan.*

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ABSTRACT

Nur Astri, NIM. 4172141013 (2021). The Effectiveness of Online-Based Biology Learning Using Google Classroom on Environmental Pollution Materials in Class X SMA Negeri 2 Percut Sei Tuan T.P. 2020/2021.

This research is motivated by the impact of the Corona Virus Disease (Covid-19) pandemic which requires the learning process to be carried out online to suppress the spread of the Corona virus. This study aims to determine the effectiveness and the online-based biology learning process using Google Classroom on student learning outcomes on environmental pollution material for class X IPA at SMA Negeri 2 Percut sei Tuan. This research will be conducted in February- November 2021. This type of research is descriptive quantitative research. The population in this study were all students of class X IPA SMA N 2 Percut Sei Tuan. The instruments used are cognitive tests and questionnaires. Online learning based on Google classroom on environmental pollution material can be categorized as effective, where the average student learning outcome is 75.71 with the highest score of 100 (1.43%) while the lowest score of 60 (12.86%).

Keywords: Online learning, Google classroom, Environmental pollution

