

ABSTRAK

Firda Dewi Satriani. 2023. **Hubungan *Self Regulated Learning* dan Metakognitif Siswa dengan Pemahaman Konseptual (Studi Korelasional pada Konsep Sistem Pernapasan di Kelas XI MIPA MA Negeri 1 Kabupaten Tasikmalaya Tahun Ajaran 2022/2023)**. Jurusan Pendidikan Biologi, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Siliwangi, Tasikmalaya.

Self Regulated Learning diperlukan agar siswa dapat aktif dalam berpikir secara sistematis untuk mencapai tujuan tertentu sehingga siswa akan sadar dalam berpikir apa yang diketahui ataupun yang tidak diketahui yang disebut dengan metakognitif. *Penelitian* ini bertujuan untuk mengetahui korelasi antara *Self Regulated Learning* dan metakognitif dengan pemahaman konseptual siswa pada materi sistem pernapasan di kelas XI MIPA MA Negeri 1 Kabupaten Tasikmalaya Tahun Ajaran 2022/2023. Metode penelitian yang digunakan adalah korelasional dengan populasi seluruh kelas XI MIPA MA Negeri 1 Kabupaten Tasikmalaya Tahun Ajaran 2022/2023 sebanyak 8 kelas dengan jumlah 238 siswa. Sampel yang digunakan menggunakan teknik *purposive sampling* yaitu kelas XI MIPA 6 sebanyak 28 siswa. Instrumen penelitian yang digunakan berupa kuisisioner *self regulated learning* sebanyak 34 pernyataan, kuisisioner metakognitif sebanyak 32 pernyataan, dan pemahaman konseptual sebanyak 25 soal tes pilihan majemuk. Teknik analisis data dilakukan dengan uji prasyarat analisis dan uji hipotesis. Uji hipotesis menggunakan uji korelasi *product moment pearson* dengan menggunakan SPSS 25 *For Windows*. Hasil penelitian menunjukkan bahwa: (i) ada korelasi antara *self regulated learning* dengan pemahaman konseptual dalam kategori cukup (ii) ada korelasi antara metakognitif dengan pemahaman konseptual dalam kategori cukup. (iii) ada korelasi *self regulated learning* dan metakognitif dengan pemahaman konseptual dalam kategori kuat. Berdasarkan hasil penelitian dapat disimpulkan bahwa ada korelasi antara *self regulated learning* dan metakognitif dengan pemahaman konseptual siswa pada materi sistem pernapasan di kelas XI MIPA MA Negeri 1 Kabupaten Tasikmalaya Tahun Ajaran 2022/2023.

Kata Kunci: *Self Regulated Learning*, Metakognitif, Pemahaman Konseptual, Sistem Pernapasan.

ABSTRACT

Firda Dewi Satriani. 2023. **The Relation Between Self Regulated Learning and Students' Metacognitive with Conceptual Understanding (Correlation Study on Respiratory Sistem Concepts in Class XI MIPA MA Negeri 1 Tasikmalaya Regency Academic Year 2022/2023)**. Thesis of Department of Biology Education, Siliwangi University.

Self Regulated Learning is needed so that students can be active in thinking systematically to achieve certain goals so that students will be aware in thinking about what is known or unknown, which is called metacognitive. This study aims to determine the correlation between Self Regulated Learning and metacognitive with students' conceptual understanding of the respiratory sistem material in class XI MIPA MA Negeri 1 Tasikmalaya Regency Academic Year 2022/2023. The research method used was correlational with the entire population of class XI MIPA MA State 1 Tasikmalaya Regency for the 2022/2023 Academic Year as many as 8 classes with a total of 238 students. The sample used was purposive sampling technique, namely class XI MIPA 6 as many as 28 students. The research instrument used was a self-regulated learning questionnaire with 34 statements, a metacognitive questionnaire with 32 statements, and conceptual understanding with 25 multiple choice test questions. Data analysis techniques were carried out by analyzing prerequisite tests and hypothesis testing. Hypothesis testing using the Pearson product moment correlation test using SPSS 25 For Windows. The results of the study show that: (i) there is a correlation between self-regulated learning and conceptual understanding in the sufficient category. (ii) there is a correlation between metacognitive and conceptual understanding in the sufficient category. (iii) there is a correlation between self regulated learning and metacognitive with conceptual understanding in the strong category. Based on the results of the study, it can be concluded that there is a correlation between self-regulated learning and metacognitive with students' conceptual understanding of the material on the respiratory sistem in class XI MIPA MA Negeri 1 Tasikmalaya Regency, Academic Year 2022/2023.

Keywords: Self Regulated Learning, Metacognitive, Conceptual Understanding, Respiratory Sistem