

**ANALISIS KESULITAN BELAJAR SISWA PADA MATERI POKOK
HEREDITAS DI KELAS XII SMA NEGERI SE-KECAMATAN
BINJAI SELATAN TAHUN PEMBELAJARAN 2013/2014**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui kesulitan belajar siswa pada materi hereditas berdasarkan aspek kognitif, indikator, dan mengetahui faktor penyebab kesulitan belajar siswa kelas XII SMA Negeri se-Kecamatan Binjai Selatan. Jenis penelitian ini adalah penelitian deskriptif-kuantitatif. Sampel diambil secara *purposive sampling* yang meliputi, 45 siswa SMA Negeri 2 Binjai, 40 siswa SMA Negeri 3 Binjai, dan 53 siswa SMA Negeri 5 Binjai. Instrumen berupa tes diagnostik sebanyak 32 soal yang sudah diuji kelayakannya, lembar angket sebanyak 46 pernyataan, dan lembar wawancara sebanyak 12 pertanyaan untuk siswa, dan 8 pertanyaan untuk guru. Hasil penelitian menunjukkan bahwa siswa mengalami kesulitan belajar pada setiap aspek kognitif (C1-C6). Dari aspek indikator dalam Kompetensi Dasar “Menerapkan prinsip hereditas dalam mekanisme pewarisan sifat” dan “Menjelaskan peristiwa mutasi dan implikasinya dalam salingtemas”, siswa mengalami kesulitan belajar pada 15 indikator dari 18 indikator. Faktor internal yang menjadi penyebab kesulitan belajar siswa adalah faktor intelegensi, minat, motivasi, psikis, dan motif. Sedangkan faktor eksternal yang menyebabkan siswa mengalami kesulitan belajar hanyalah sarana/prasarana sekolah.

Kata kunci : Kesulitan Belajar, Kognitif, Indikator, Hereditas

**ANALYSIS OF STUDENTS' LEARNING DIFFICULTIES IN THE
SUBJECT MATTER OF HEREDITY AT SENIOR HIGH
SCHOOL SUBDISTRICT OF SOUTH BINJAI
AT 2013/2014 OF SCHOOL YEAR**

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ABSTRACT

This study aims to determine the students' learning difficulties in the subject matter of heredity based on cognitive aspects, indicators, and identify factors that cause learning difficulties in class XII of SMA Subdistrict South Binjai. This research is descriptive-quantitative study. Samples were taken by purposive sampling which includes, 45 students of SMAN 2 Binjai, 40 students of SMA 3 Binjai, and 53 students of SMA Negeri 5 Binjai. Instruments such as diagnostic tests were 32 questions that have been tested for feasibility, as many as 46 questionnaires, and interview were 12 questions for students, and 8 questions for the teacher. The results show that students have difficulty learning in every aspect of cognitive (C1-C6). From the indicator aspects, students have learning difficulty on 15 indicators of 18 indicators in the Basic Competence "Applying the principle of heredity in the mechanism of inheritance" and "Explaining the mutational events and their implications". Internal factors that cause learning difficulties of students are factor of intelligence, interest, motivation, psychological, and motives. External factors that cause students experiencing learning difficulties is the means/school infrastructure.

Keywords: Learning Difficulties, Cognitive, Indicators, Heredity