

**ANALISIS KETERAMPILAN BERTANYA SISWA BERDASARKAN
TAKSONOMI MARBACH DAN TAKSONOMI BLOOM PADA
MATERI PERUBAHAN LINGKUNGAN DI KELAS X IPA
SMA NEGERI 10 MEDAN T.P. 2018/2019**

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Abstrak

Penelitian ini bertujuan untuk mengetahui kuantitas dan kategori pertanyaan siswa yang digolongkan ke dalam Taksonomi Marbach dan Taksonomi Bloom revisi Anderson dan Krathwohl selama pembelajaran Perubahan Lingkungan di SMA Negeri 10 Medan tahun pembelajaran 2018/2019. Metode penelitian yang digunakan adalah deskriptif survei. Populasi penelitian ini adalah siswa kelas X IPA, sampel diambil dengan teknik random sampel. Teknik pengumpulan data yaitu dengan observasi langsung selama pembelajaran. Hasil menunjukkan bahwa siswa mengajukan pertanyaan tulisan dan lisan yang keseluruhan berjumlah 151 pertanyaan. Kuantitas pertanyaan tulisan sebanyak 114 pertanyaan (75,5%) sedangkan pertanyaan lisan sebanyak 37 pertanyaan (24,5%). Kategori pertanyaan siswa diukur berdasarkan Taksonomi Marbach didapatkan hasil bahwa pertanyaan dominan pada kategori 1a sebanyak 39 pertanyaan (25,9%) sedangkan hasil pengukuran taksonomi Bloom revisi Anderson dan Krathwohl didominasi oleh pertanyaan ranah kognitif C1 sebanyak 53 pertanyaan (35,2%). Kualitas pertanyaan siswa diukur berdasarkan Taksonomi Marbach lebih dominan adalah pertanyaan yang berkategori sedang pada kelompok pertanyaan deskripsi (kategori 2, 3 dan 4 atau Tipe III), sedangkan kualitas pertanyaan siswa berdasarkan Taksonomi Bloom revisi Anderson dan Krathwohl menunjukkan lebih tinggi kualitas pertanyaan LOTS (74,9%) dibandingkan kualitas pertanyaan HOTS (25,1%).

Kata Kunci: *Taksonomi Marbach, Taksonomi Bloom, Kuantitas pertanyaan, Kategori Pertanyaan,*



**ANALYSIS OF STUDENT'S QUESTIONING SKILL BASED ON
MARBACH TAXONOMY AND BLOOM TAXONOMY ON
ENVIRONMENTAL CHANGE MATERIALS IN CLASS
X IPA SMA NEGERI 10 MEDAN ACADEMIC
YEAR 2018/2019**

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Abstract

The study aimed to determine the quantity and category of questions student's have classified into Marbach taxonomy and Bloom Taxonomy revisions Anderson and Krathwohl during the learning of environmental change in the SMA Negeri 10 Medan academic year 2018/2019. The type of this research is descriptive survey research. The population of this research is grade X IPA students, samples taken with random sample techniques. Data collection techniques are by direct observation during learning. The results show that all teachers submitted oral and written questions totaling 151 questions. Quantity of written questions as much as 114 questions (75.5%) Oral questions as many as 37 questions (24.5%). Students ' question categories are measured based on Marbach taxonomy's results that the dominant question in category 1a was 39 questions (25.9%) While the taxonomy measurement results of Bloom's revision Anderson and Krathwohl were dominated by the questions of the cognitive realm C1 as much as 53 questions (35.2%). The quality of students ' questions is measured based on Marbach's more dominant taxonomy is a medium-category question on the group of Description questions (categories 2, 3 and 4 or type III), while the quality of student inquiries based on Bloom taxonomy Revisions Anderson and Krathwohl showed higher quality question LOTS (74.9%) Quality of the HOTS question (25.1%).

Keywords: *Marbach Taxonomy, Bloom Taxonomy, Quantity of questions, Category of Questions*