

ABSTRAK

Elia Siska (4153311007) Studi Literatur Kemampuan Pemecahan Masalah Matematis Siswa Pada Soal Higher Order Thinking Skill (HOTS) Dari Berbagai Model Pembelajaran.

Penelitian ini bertujuan untuk mengetahui hasil studi literatur kemampuan pemecahan masalah matematis siswa pada soal higher order thinking skill (HOTS) dari berbagai model pembelajaran. Kemampuan pemecahan masalah siswa dalam mengidentifikasi elemen – elemen yang diketahui atau yang dibutuhkan dalam pemecahan masalah matematis, merumuskan masalah matematika, melakukan pemilihan pemecahan masalah, dan melakukan pemeriksaan kembali pemecahan masalah untuk kemudian membuat solusi dengan cara lain atau mengembangkan pemecahan masalah siswa ketika siswa berhadapan dengan masalah matematika. High Order Thinking Skills (HOTS) merupakan suatu proses berpikir peserta didik dalam level kognitif yang lebih tinggi yang dikembangkan dari berbagai konsep dan metode kognitif dan taksonomi pembelajaran seperti metode problem solving, taksonomi bloom, dan taksonomi pembelajaran, pengajaran, dan penilaian. Berdasarkan hasil analisis terhadap hasil penelitian, maka disimpulkan bahwa kemampuan pemecahan masalah matematis siswa dapat ditingkatkan dengan menerapkan model pembelajaran problem based learning dan discovery learning. Dan model pembelajaran yang lebih baik digunakan adalah model pembelajaran *Problem Based Learning*.

Kata kunci : Studi Literatur, Kemampuan Pemecahan Masalah, Higher Order Thinking Skill *Problem Based Learning, Discovery Learning*

ABSTRACT

Elia Siska (4153311007) Literatur Study of Students Mathematical Problem Solving Abilities on Higher Order Thinking Skill Questions From Various Learning Models.

This study aims to determine the results of a literature study on students' mathematical problem solving abilities on higher order thinking skill (HOTS) questions from various learning models. Students' problem solving abilities in identifying elements that are known or needed in solving mathematical problems, formulating mathematical problems, selecting problem solving, and re-examining problem solving to then make solutions in other ways or develop student problem solving when students are faced with math problem. High Order Thinking Skills (HOTS) is a thinking process of students at a higher cognitive level that is developed from various cognitive concepts and methods and learning taxonomies such as problem solving methods, bloom taxonomies, and learning, teaching, and assessment taxonomies. Based on the results of the analysis of the results of the study, it was concluded that students' mathematical problem solving abilities could be improved by applying problem based learning and discovery learning models. And the learning model that is better used is the Problem Based Learning.

Keywords: Literature Study, Problem Solving Ability, Higher Order Thinking Skill Problem Based Learning, Discovery Learning

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