

ABSTRAK

Debi Bora Br Ginting, NIM 4162111018 (2021). Studi Literatur Strategi Pembelajaran *Scaffolding With A Solution Plan* Terhadap Peningkatan Kemampuan Pemodelan Matematika Siswa

Penelitian ini bertujuan mendeskripsikan kecenderungan setiap artikel akan peranan langkah-langkah strategi *Scaffolding with a solution plan* terhadap peningkatan kemampuan pemodelan matematika serta karakteristik kemampuan pemodelan matematika era revolusi industri 4.0. Penelitian ini adalah penelitian studi literatur terhadap analisis kecenderungan dan hasil publikasi penelitian ilmiah pada e-jurnal tahun 2015-2020. Subjek penelitian yaitu artikel, jurnal, skripsi, ataupun tesis mengenai strategi pembelajaran *Scaffolding With A Solution Plan* untuk memfasilitasi peningkatan kemampuan pemodelan matematika siswa tahun 2015-2020. Objek penelitian yaitu peningkatan kemampuan pemodelan matematika siswa setelah menggunakan strategi pembelajaran *Scaffolding With A Solution Plan*. Saringan yang digunakan dalam pemilihan jurnal yaitu : (1) Tahun terbit, (2) Jurnal Terakreditasi, (3) Judul Penelitian, (4) Konsep *Scaffolding With A Solution Plan*, dan (5) Konsep Pemodelan Matematika. Hasil penelitian menunjukkan bahwa (1) Langkah-langkah strategi pembelajaran *Scaffolding With A Solution Plan* dapat mengatasi kesulitan yang dihadapi siswa menyelesaikan permasalahan yang membutuhkan kemampuan pemodelan matematika, (2) Kemampuan pemodelan matematika memiliki karakteristik yang dibutuhkan pada era industri 4.0 .

Kata Kunci : Studi Literatur: *Comprehensive Literature Riview*, Strategi pembelajaran *Scaffolding With A Solution Plan*, kemampuan pemodelan matematika.



ABSTRACT

Debi Bora Br Ginting, NIM 4162111018 (2021). Literature Study of Scaffolding With A Solution Plan Learning Strategy on Increasing Students' Mathematical Modeling Ability

This study aims to describe the tendency of each article to the role of the Scaffolding with a solution plan strategy steps towards increasing mathematical modeling abilities and the characteristics of mathematical modeling abilities in the era of the industrial revolution 4.0. This research is a literature study on trend analysis and the results of scientific research publications in e-journals for 2015-2020. The research subjects are articles, journals, theses, or theses regarding the Scaffolding With A Solution Plan learning strategy to facilitate the improvement of students' mathematical modeling abilities in 2015-2020. The object of this research is the improvement of students' mathematical modeling abilities after using the Scaffolding With A Solution Plan learning strategy. The filters used in the selection of journals are: (1) Year of publication, (2) Accredited Journal, (3) Research Title, (4) Concept of Scaffolding With A Solution Plan, and (5) Concept of Mathematical Modeling. The results show that (1) the steps of the Scaffolding With A Solution Plan learning strategy can overcome the difficulties faced by students in solving problems that require mathematical modeling skills, (2) The ability of mathematical modeling has the characteristics needed in the industrial era 4.0.

Keyword : Literature Study: Comprehensive Literature Review, Scaffolding With A Solution Plan learning strategy, mathematical modeling ability.

