

ABSTRAK

Fitri Ramadhani, NIM 4142111011 (2022). Studi Literatur Penerapan Model Pembelajaran *Problem Based Learning* Untuk Meningkatkan Kemampuan Berpikir Kritis Matematis Siswa SMP

Penelitian ini bertujuan mendeskripsikan bagaimanakah studi literatur hasil penelitian mengenai penerapan model pembelajaran *Problem Based Learning* untuk meningkatkan kemampuan berpikir kritis matematis siswa. Penelitian ini adalah penelitian studi literatur terhadap analisis kecenderungan dan hasil publikasi penelitian ilmiah pada e-jurnal tahun 2017-2020. Subjek penelitian yaitu artikel, jurnal, skripsi, ataupun tesis mengenai penerapan model pembelajaran *Problem Based Learning* untuk meningkatkan kemampuan berpikir kritis matematis siswa SMP tahun 2017-2020. Objek penelitian yaitu meningkatkan kemampuan berpikir kritis matematis siswa setelah diterapkan model pembelajaran *Problem Based Learning*. Saringan yang digunakan dalam pemilihan jurnal yaitu: (1) Tahun terbit, (2) Jurnal Terakreditasi, (3) Judul Penelitian, (4) Konsep pembelajaran *Problem Based Learning*, dan (5) Konsep berpikir kritis matematis siswa SMP. Hasil penelitian menunjukkan bahwa langkah-langkah penerapan model pembelajaran *Problem Based Learning* dapat mengatasi kesulitan yang dihadapi siswa menyelesaikan permasalahan yang membutuhkan kemampuan berpikir kritis matematis.

Kata Kunci : Studi Literatur: Studi Kepustakaan, Penerapan Model Pembelajaran *Problem Based Learning*, kemampuan berpikir kritis matematis



ABSTRACT

Fitri Ramadhani, NIM 4142111011 (2022). Literature Study Application of Problem Based Learning Model to Improve Mathematical Critical Thinking Ability of Junior High School Students

This study aims to describe how the literature study of research results regarding the application of the Problem Based Learning learning model to improve students' mathematical critical thinking skills. This research is a literature study on trend analysis and the results of scientific research publications in e-journals in 2017-2020. The research subjects are articles, journals, theses, or theses regarding the application of the Problem Based Learning learning model to improve the mathematical critical thinking skills of junior high school students in 2017-2020. The object of research is to improve students' mathematical critical thinking skills after applying the Problem Based Learning model. The filters used in the selection of journals are: (1) Year of publication, (2) Accredited Journal, (3) Research Title, (4) Learning concept of Problem Based Learning, and (5) Concept of mathematical critical thinking for junior high school students. The results showed that the steps for implementing the Problem Based Learning model could overcome the difficulties faced by students in solving problems that required mathematical critical thinking skills.

Keywords : Literature Study: Literature Study, Application of MPdel Learning Problem Based Learning, mathematical critical thinking skills