

ABSTRAK

Hadijah Ramalia, NIM. 4151121025. Pengembangan Modul Pembelajaran Berbasis Problem Based Learning Untuk Meningkatkan Akomodasi Belajar Siswa Pada Materi Gerak Melingkar Di Kelas X MAN 2 Model Medan. T.A 2020/2021.

Penelitian ini bertujuan untuk melihat belajar siswa dengan menggunakan modul pembelajaran *problem based learning* pada materi gerak melingkar dikatakan efektif dan layak. Penelitian ini menggunakan penelitian *Resech and Development* (R & D) dengan menggunakan metode 4D. Dalam penelitian ini divalidasi menggunakan angket yang di sebar kepada siswa dan dilakukan uji coba kepada siswa. Dari uji yang telah dilakukan didapatkan persentase pembelajaran terdapat kenaikan dimana pada awal pembelajaran 34,28% nilai siswa baik dan 48,57% nilai siswa dikatakan sangat layak. Dan pada tahap akhir didapatkan nilai siswa 25,71 dikatakan baik dan 54,28% di katakan amat layak sehingga nilai rata-rata siswa yang baik sebesar 60,0 % dan sangat baik sebesar 103 ,8 % dalam kategori sangat layak. Daimana pada uji awal dapat dikatakan cukup karena nilai masih berada pada rentang 50-69, pada tahap kedua dikatakan baik karena berada di antara rentang nilai 60-79 dan pada tahap ketiga dapat dikatakan layak berada di atas rentang >79. Jadi dari hasil yang telah divalidkan dan uji bahwa modul yang digunakan dalam akomodasi belajar siswa dapat dikatakan layak.

Kata kunci: Modul Pembelajaran, *Problem Based Learning*, Gerak Melingkar



ABSTRACT

Hadijah Ramalia, NIM. 4151121025. Development of Problem Based Learning Modules To Improve Student Learning Accommodations On Circular Motion Materials In Class X MAN 2 Medan Model. T.A 2020/2021.

This research aims to look at students' learning by using problem based learning modules on circular motion materials said to be effective and feasible. This study used Resech and Development (R & D) research using 4D methods. In this study, it was validated using questionnaires distributed to students and tested to students. From the tests that have been conducted, the percentage of learning there is an increase where at the beginning of learning 34.28% of students' grades are good and 48.57% of student grades are said to be very feasible and in the final stage, student grades of 25.71 were said to be good and 54.28% were said to be very decent so that the average score of good students was 60.0% and very good at 103.8% in the category was very decent. Daimana at the initial test can be said to be enough because the value is still in the range of 50-69, in the second stage it is said to be good because it is between the range of values 60-79 and in the third stage can be said to be worthy of being above the range of >79. So from the results that have been validated and tested that the modules used in student learning accommodation can be said to be feasible.

Keywords: *Learning Module, Problem Based Learning, Circular Motion*

