

**Pengembangan LKPD *Finding Out Question* Berbasis Model Pembelajaran  
*Curious Note Program* (CNP) Guna Memfasilitasi  
Kemampuan Menemukan Masalah pada Peserta Didik SMA**

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**ABSTRAK**

Penelitian ini bertujuan untuk : (1) menghasilkan RPP dan LKPD *Finding Out Question* berbasis model pembelajaran *Curious Note Program* (CNP) pada materi Hukum Newton tentang Gravitasi yang layak digunakan untuk memfasilitasi kemampuan menemukan masalah pada peserta didik, (2) mengetahui tingkat kemampuan peserta didik dalam menemukan masalah dengan menggunakan LKPD *Finding Out Question* berbasis model pembelajaran CNP pada materi Hukum Newton tentang Gravitasi.

Penelitian ini merupakan penelitian pengembangan (R&D) dengan model 4-D menurut Thiagarajan dan Semmel (1974). Tahap *define* dilakukan untuk mendefinisikan permasalahan. Tahap *design* dilakukan dengan mengembangkan draf RPP dan LKPD *Finding Out Question* dan instrumen penelitian. Tahap *develop* dilakukan untuk menghasilkan RPP dan LKPD *Finding Out Question* yang sudah direvisi berdasarkan komentar dan saran dari validator ahli dan praktisi, uji lapangan terbatas, dan uji lapangan operasional. Produk RPP dan LKPD yang dikembangkan diujicoba di SMA Negeri 6 Yogyakarta dengan mengambil 3 kelas yaitu 1 kelas (22 peserta didik) untuk uji terbatas dan 2 kelas (60 peserta didik) untuk uji lapangan operasional. Tahap *disseminate* dilakukan untuk penyebaran RPP dan LKPD *Finding Out Question* dalam skala yang lebih luas.

Hasil penelitian menunjukkan bahwa : (1) RPP *Finding Out Question* layak digunakan untuk pembelajaran dilihat dari skor validasi 4,87 (sangat baik) dan nilai IJA (keterlaksanaan RPP) 4,51 (sangat baik). LKPD *Finding Out Question* layak digunakan untuk memfasilitasi kemampuan menemukan masalah pada peserta didik SMA dilihat dari skor validasi 4,14 (baik), nilai reliabilitas ICC LKPD 1 0,899 (istimewa), LKPD 2 0,810 (istimewa), dan skor respon peserta didik 3,87 (sangat baik), (2) Rerata tingkat kemampuan peserta didik dalam menemukan masalah 4,28 (Sangat Baik) dengan rincian pada tingkat Sangat Baik 59%, Baik 33%, dan Cukup Baik 8%. Produk LKPD *Finding Out Question* telah dideseminasikan kepada guru fisika SMA Negeri 6 Yogyakarta, digunakan di 3 kelas selain kelas uji coba penelitian, dan telah diseminarkan pada Seminar Nasional Pendidikan Fisika Himafi 2014.

Kata kunci : CNP, *Finding Out Question*, Hukum Newton tentang Gravitasi

***Development Of Student Worksheet Of Finding Out Question Based On  
Curious Note Program (CNP) Learning Model To Facilitate The Ability To  
Find The Problem in Students***

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**ABSTRACT**

*This research is aimed to : (1) to produce the lesson plan and student worksheet of Finding Out Question based on Curious Note Program (CNP) learning model on the topic of Newton's law of Gravity which can be used to facilitate the ability to find the problem in students. (2) to find out the level of student's ability to find the problems by using student worksheet of Finding Out Question based on Curious Note Program (CNP) learning model on the topic of Newton's law of Gravity.*

*The method of this research is research and development (R&D) with 4-D model according to Thiagarajan and Semmel (1974). Define phase was done to define the problem. Design phase was done by developing a draft the lesson plan and student worksheet of Finding Out Question and research's instruments. Develop phase was done o produce the lesson plan and student worksheet of Finding Out Quesion which have been revised based on comments and suggestions from experts and practitioners validator, limited trial, and extensive trial. The developed lesson plan and worksheet was used in 6<sup>th</sup> State Senior High School of Yogyakarta with 1 class (22 students) for limited trial and 2 classes (60 students) for extensive trial. Disseminate phase was done to spread the lesson plan and student worksheet of Finding Out Question in larger scale.*

*The result of this research showed that : (1) the lesson plan of Finding Out Question was proper to be used for learning with score of validation 4,87 (very good) and from the execution of lesson plan 4,51 (very good). Student worksheet of Finding Out Question was proper with score of validation 4,14 (good), reability ICC of 1<sup>st</sup> student worksheet 0,899 (excellent), 2<sup>nd</sup> student worksheet 0,810 (excellent), and score of student response 3,87 (very good). (2) the level of student's ability to find the problems 4,28 (very good) with 59% at very good, 33% at good, and 8% at worth. The developed student worksheet have disseminated to 6<sup>th</sup> State Senior High School of Yogyakarta's physics teacher, used in 3 classes othet class research trial, and have seminar at the National Seminar on Physics Education Himafi 2014.*

*Keyword : CNP, Finding Out Question, Newton's Law of Gravity*