

**PENGEMBANGAN LEMBAR KEGIATAN PESERTA DIDIK (LKPD)  
BERBASIS *GUIDED INQUIRY* PADA MATERI VIRUS DI KELAS  
X MIA SMA SWASTA BUDI AGUNG MEDAN  
T.P 2018/2019**

**Miftahul Hasanah Harahap  
(4141141043)**

**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui Tingkat kelayakan Lembar Kegiatan Peserta Didik dengan materi virus berdasarkan hasil penilaian ahli materi; ahli pembelajaran; penilaian guru bidang studi serta Tanggapan peserta didik. Jenis penelitian yang digunakan adalah *research and development* (R&D) mengikuti model Thiagarajan (4-D). Penelitian ini dilaksanakan April-Oktober 2018 di SMA Swasta Budi Agung. Subjek dalam penelitian ini peserta didik kelas X MIA JJ THOMSON di SMA Swasta Budi Agung Medan, objek penelitian ini berupa Lembar Kegiatan Peserta Didik, yang telah dikembangkan, divalidasi oleh ahli materi, tim ahli pembelajaran, satu orang guru, dan uji coba. Uji coba dilakukan sebanyak 4 kali, yaitu uji coba perorangan sebanyak 3 orang, uji coba kelompok kecil sebanyak 9 orang, uji coba kelompok besar sebanyak 21 orang dan uji coba lapangan terbatas 38 orang. Hasil penelitian menunjukkan rata-rata persentase penilaian tim ahli materi 89% (sangat layak); tim ahli pembelajaran 83,% (sangat layak); guru bidang studi biologi 78% (layak); dan persentase tanggapan peserta didik pada uji coba di kelas X MIA JJ THOMSON pada uji coba perorangan 91% (layak), uji coba kelompok kecil 83,2% (layak), dan uji coba kelompok besar 87 % (layak). Uji keefektifan produk yang dikembangkan dinyatakan efektif dengan nilai N-gain 0,71 dengan interpretasi “Tinggi”. Hasil penelitian menunjukkan bahwa LKPD pada materi virus dapat digunakan dalam proses pembelajaran.

**Kata kunci** : *Pengembangan, Lembar Kegiatan Peserta Didik , Guided Inquiry, Virus*



**DEVELOPMENT OF EDUCATION ACTIVITIES (LKPD) BASED ON  
GUIDED INQUIRY ON VIRUS MATERIALS IN CLASS X MIA  
SMA SWASTA BUDI AGUNG MEDAN  
T.P 2018/2019**

**Miftahul Hasanah Harahap  
(4141141043)**

**Abstract**

This study aims to determine the level of feasibility of Student Activity Sheets with viral material based on the results of material expert assessment; learning expert; teacher assessment in the field of study and responses of students. The type of research used is research and development (R & D) following the Thiagarajan (4-D) model. This research was conducted April-October 2018 at Budi Agung Private High School. Subjects in this study were students of class X MIA JJ THOMSON at Budi Agung Private High School Medan, the object of this research was in the form of Student Activity Sheets, which had been developed, validated by material experts, learning expert teams, one teacher, and trials. Trials were conducted 4 times, namely individual trials of 3 people, small group trials of 9 people, large group trials of 21 people and field trials limited to 38 people. The results of the study showed that the average percentage of the expert team's assessment was 89% (very feasible); learning expert team 83,% (very feasible); teacher of biological studies 78% (eligible); and the percentage of students' responses to the trial in class X MIA JJ THOMSON on individual trials 91% (feasible), small group trials 83.2% (feasible), and large group trials 87% (feasible). The developed product effectiveness test was declared effective with an N-gain value of 0.71 with a "High" interpretation. The results of the study show that LKPD on viral material can be used in the learning process.

*Key words* : Development, Student Activity Sheets, Guided Inquiry, Virus

