

**Pengembangan Lembar Kerja Siswa (LKS) Berbasis Inkuiri Terbimbing  
pada Materi Virus untuk SMA/MA**

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**ABSTRAK**

Penelitian ini bertujuan untuk: (1) mendeskripsikan proses penyusunan LKS berbasis inkuiri terbimbing mengikuti tahap pengembangan sistem instruksional model 4-D, dan (2) menghasilkan LKS berbasis inkuiri terbimbing yang baik untuk diterapkan pada pembelajaran Biologi kelas X SMA/MA materi pokok Virus. Penelitian menggunakan metode deskriptif dengan desain pengembangan instruksional model 4-D, dibatasi hingga tahap pengembangan (*develop*). Objek penelitian adalah perangkat pembelajaran inkuiri terbimbing pada materi pokok Virus di kelas X SMA/MA. Data penelitian diperoleh dari penilaian ahli konstruksi dan ahli isi terhadap produk LKS berbasis inkuiri terbimbing menggunakan instrument penilaian LKS yang memuat aspek konstruksi, format, kelayakan isi, kelayakan penyajian, kelengkapan, dan kebahasaan. Hasil penelitian diperoleh, bahwa: (1) Konstruksi LKS berbasis inkuiri terbimbing pada materi pokok virus untuk SMA/MA yang dihasilkan mendapat nilai 89,5 tergolong kedalam kategori sangat baik; (2) Isi LKS berbasis inkuiri terbimbing pada materi virus untuk SMA/MA mendapat nilai 81,25 tergolong kedalam kategori sangat baik. Hasil penelitian disimpulkan, bahwa produk LKS berbasis inkuiri terbimbing pada materi virus untuk SMA/MA yang dikembangkan melalui ini sudah sangat baik digunakan dalam pembelajaran biologi pada jenjang SMA/MA.

**Kata Kunci** : Pembelajaran Biologi, Materi Pokok Virus, Perangkat LKS, Inkuiri Terbimbing.

## **Development of Student Worksheet (LKS) Guided Inquiry Based on Material Virus for SMA / MA**

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### **ABSTRACT**

This research aims to: (1) describe the process of preparing LKS-based guided inquiry follow the stages of development of instructional systems model 4-D, and (2) generate worksheets based guided inquiry was good to be applied to study Biology class X SMA / MA subject matter Virus. The research uses descriptive method with the development of instructional design model 4-D, is limited to the stage of development (develop). The object of research is guided inquiry learning device in the subject matter Virus in class X SMA / MA. Data were obtained from the assessment of construction experts and expert contents against LKS products based guided inquiry using an assessment instrument worksheets that contain aspects of construction, format, contents feasibility, feasibility presentation, completeness, and linguistics. The results were obtained, that: (1) Construction LKS-based guided inquiry on the subject matter of the virus for SMA / MA produced fall into the category very well; (2) Fill LKS-based guided inquiry on the subject matter of the virus for SMA / MA fall into the category very well. The results of the study concluded that the product LKS-based guided inquiry on virus material for SMA / MA developed through this already very well used in teaching biology at the SMA/MA.

***Keywords: Learning Biology, Topic Virus, Device Worksheet, Guided Inquiry.***