

**PENGEMBANGAN MEDIA PEMBELAJARAN INTERAKTIF BERBASIS  
POWERPOINT PADA MATERI VIRUS DAN ORGANISME  
PROKARIOTIK UNTUK MADRASAH ALIYAH (MA)**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui (1) deskripsi tentang spesifikasi media pembelajaran interaktif berbasis *powerpoint*, (2) validitas *powerpoint* sebagai media pembelajaran interaktif pada materi virus dan organisme prokariotik kelas X di MA Nurul Ihsan Lumajang dan (3) kepraktisan *powerpoint* sebagai media pembelajaran interaktif pada materi virus dan organisme prokariotik kelas X di MA Nurul Ihsan Lumajang. Jenis penelitian ini yaitu penelitian pengembangan (R & D) yang mengacu pada model pengembangan ADDIE yang meliputi tahap *analysis, design, development, implementation, dan evaluation*. Uji validitas dilakukan oleh ahli materi dan ahli media. Uji kepraktisan dilakukan kepada guru dan siswa dengan uji coba perorangan yang melibatkan 3 orang siswa kelas X dan uji coba kelompok kecil yang melibatkan 9 orang siswa kelas X. Lokasi uji coba bertempat di MA Nurul Ihsan Lumajang. Analisis data dilakukan secara deskriptif untuk mengetahui kelayakan dan kepraktisan *powerpoint* interaktif. Hasil penelitian menunjukkan, (1) Spesifikasi produk media pembelajaran interaktif berbasis *powerpoint* memuat beberapa komponen seperti teks, animasi, musik, gambar, dan video. Selain itu juga terdapat penggunaan fitur *transitions, animations, 3D models* serta terdapat tombol navigasi supaya pembelajaran lebih interaktif dan menarik, (2) validitas *powerpoint* sebesar 1,0 dengan kriteria sangat valid, dan (3) kepraktisan *powerpoint* sebesar 85,68% dengan kriteria praktis. Berdasarkan hasil penelitian tersebut, *powerpoint* yang dikembangkan sangat layak dan praktis digunakan sebagai media pembelajaran materi virus dan organisme prokariotik kelas X di Madrasah Aliyah.

Kata kunci : media pembelajaran, *powerpoint*, materi virus dan organisme prokariotik

**THE DEVELOPMENT OF POWERPOINT-BASED INTERACTIVE  
LEARNING MEDIA ON VIRUSES AND PROKARYOTIC ORGANISM  
FOR MADRASAH ALIYAH (MA)**

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**ABSTRACT**

*The aim of this study is to find out, (1) a description of the specifications of powerpoint based interactive learning media (2) the feasibility of powerpoint as a learning media in virus and prokaryotic organism material for grade X in MA Nurul Ihsan Lumajang, and (3) the practicability of powerpoint as a learning media in virus and prokaryotic organism material for grade X in MA Nurul Ihsan Lumajang. The type of this research is research and development (R & D) adjusted to the steps of model development ADDIE: analysis, design, development, implementation, and evaluation. The validity testing is done by expert of material and expert of media. The practicability testing is held in teacher and individual trials which involved 3 students in grade X and small group trials which involved 9 students in grade X. The location of this research was conducted in MA Nurul Ihsan Lumajang. The data is analyzed by descriptive analysis to know the feasibility and practicability of the powerpoint. The result of this research showed, (1) the specification of powerpoint product contain several component such as animations, text, image, video and music. The other spesifications are using transitions, animations, 3D models and also navigation button (2) the validity of powerpoint obtained the score of 1,0 are categroized as highly feasible, and (2) the practicability of powerpoint obtained the score of 85,68% are catagorized as practical. Based on that result, powerpoint is highly feasible and practical to use as learning media in virus and prokaryotic organism material for grade X at MA Nurul Ihsan Lumajang.*

*Keywords: learning media, powerpoint, virus and prokaryotic organisms material*