

ABSTRAK**PENGEMBANGAN PERANGKAT PEMBELAJARAN IPA BERBASIS
MASALAH KELAS V SD N PANDANREJO**

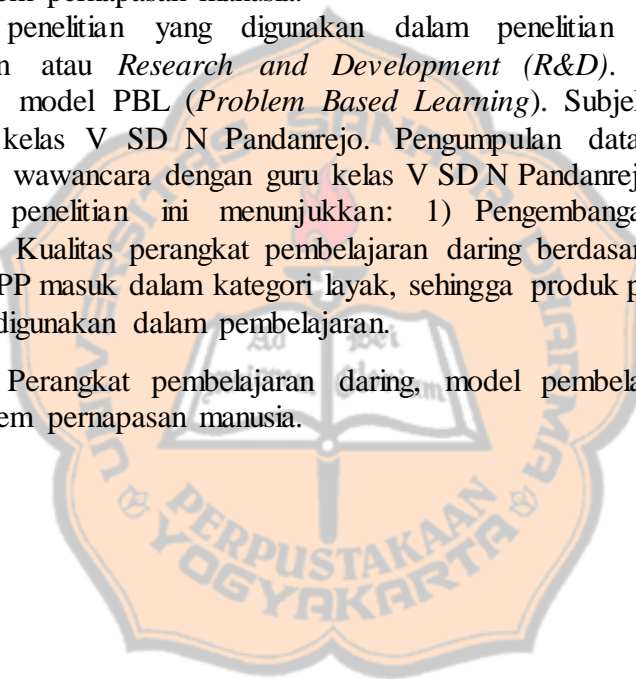
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Penelitian ini dilatarbelakangi oleh hasil analisis kebutuhan melalui wawancara dengan guru kelas V yang menunjukkan bahwa guru membutuhkan contoh Rencana Pelaksanaan Pembelajaran (RPP) dengan model PBL (*Problem Based Learning*) untuk meningkatkan minat siswa dalam mengikuti proses pembelajaran IPA, khususnya pada materi sistem pernapasan manusia kelas V Sekolah Dasar. Perangkat pembelajaran disertai dengan media pembelajaran dalam bentuk *power point* yang mencakup materi mengenai sistem pernapasan manusia.

Jenis penelitian yang digunakan dalam penelitian ini adalah penelitian pengembangan atau *Research and Development (R&D)*. Penyusunan RPP ini menggunakan model PBL (*Problem Based Learning*). Subjek dalam penelitian ini adalah guru kelas V SD N Pandanrejo. Pengumpulan data dalam penelitian ini menggunakan wawancara dengan guru kelas V SD N Pandanrejo.

Hasil penelitian ini menunjukkan: 1) Pengembangan produk perangkat pembelajaran. Kualitas perangkat pembelajaran daring berdasarkan hasil validasi oleh 4 validator RPP masuk dalam kategori layak, sehingga produk perangkat pembelajaran daring layak digunakan dalam pembelajaran.

Kata kunci: Perangkat pembelajaran daring, model pembelajaran *Problem Based Learning*, sistem pernapasan manusia.



ABSTARCT**THE DEVELOPMENT OF A PROBLEM-BASED IPA LEARNING DEVICE PLAN FOR FIFTH GRADE OF PANDANREJO STATE ELEMENTARY SCHOOL**

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This research was motivated by the results of needs analysis through interviews with fifth grade teachers which showed that teachers needed an example of a Learning Implementation Plan (RPP) with a PBL (Problem Based Learning) model to increase students' interest in participating in the science learning process, especially in the human respiratory system material in the fifth grade classroom elementary school. Learning devices are accompanied by learning media in the form of power points which include material on the human respiratory system.

The type of research used in this research is research and development (R&D). The preparation of this lesson plan uses the PBL (Problem Based Learning) model. The subjects in this study were fifth grade teachers at Pandanrejo's State Elementary School. Data collection in this study used interviews with fifth grade teachers at Pandanrejo's State Elementary School.

The results of this study indicate: 1) Development of learning device products. The quality of online learning tools based on the results of validation by 4 RPP validators is in the appropriate category, so that online learning device products are suitable for use in learning.

Keywords: *Online learning tools, Problem Based Learning, learning model, human respiratory system*

