

ABSTRAK

PENGEMBANGAN LKPD INTERAKTIF BERBASIS *SOMATIC, AUDITORY, VISUAL, INTELLECTUAL* (SAVI) MENGGUNAKAN QUIZZ PADA MATERI LARUTAN ASAM BASA

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Bahan ajar merupakan aspek penting untuk mendukung keberhasilan belajar. Di SMA Stella Duce 2 Yogyakarta, pembelajaran kimia belum memanfaatkan Lembar Kerja Peserta Didik (LKPD), baik konvensional maupun digital, sehingga pembelajaran terkesan monoton dan peserta didik cenderung mudah bosan. Hingga kini, belum ada penerapan LKPD interaktif atau konvensional dalam pembelajaran kimia, namun guru pernah menggunakan LKPD praktikum. Materi larutan asam basa dinilai sulit dan membutuhkan pemikiran kritis, sehingga diperlukan bahan ajar yang menarik, salah satunya mengintegrasikan Quizizz ke dalam LKPD. Penelitian ini bertujuan: (1) menghasilkan produk yang memenuhi kriteria kelayakan, (2) mengetahui respons peserta didik selama menggunakan produk. Metode penelitian yang digunakan adalah *Research and Development* (R&D) dengan model 4D yang dimodifikasi menjadi 3D yaitu *Define, Design, dan Develop*. Instrumen penelitian meliputi lembar wawancara, lembar validasi, butir soal dalam produk, dan angket respons peserta didik terhadap produk. Sebanyak 10 orang peserta didik Fase F kelas XI dipilih sebagai sampel penelitian melalui teknik *purposive sampling*. Data dianalisis secara kuantitatif dan kualitatif. Hasil penelitian menunjukkan bahwa: (1) produk memenuhi kriteria sangat valid dan sangat layak dengan rata-rata persentase sebesar 96,87%. Rata-rata nilai peserta didik saat mengerjakan butir soal dalam produk adalah 81 dengan kategori baik dan produk memenuhi kriteria sangat efektif dan (2) Rata-rata persentase respons peserta didik terhadap produk sebesar 95,93% yang tergolong sangat baik dan produk memenuhi kriteria sangat praktis. Hal ini didukung dengan rata-rata persentase respon peserta didik per butir aspek dalam angket sebesar 98,18%. Peserta didik menyatakan produk mudah dipahami, menarik, interaktif, sangat asyik, dan jelas setelah menggunakan produk.

Kata kunci: Larutan Asam Basa, LKPD Interaktif, Quizizz

ABSTRACT

DEVELOPMENT OF SOMATIC, AUDITORY, VISUAL, INTELLECTUAL (SAVI) BASED INTERACTIVE STUDENT'S WORKSHEET USING QUIZZ ON ACID-BASE SOLUTIONS MATERIAL

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Teaching materials are essential aspect of supporting learning success. At SMA Stella Duce 2 Yogyakarta, chemistry teaching has not yet utilized Student Worksheet (LKPD), either conventional or digital, making the learning process seem monotonous and students tend to get easily bored. Until now, there has been no implementation of interactive or conventional LKPD in chemistry learning, although teachers have previously used practical worksheets. The topic of acid-base solutions is considered difficult and requires critical thinking, hence the need for engaging teaching materials, one of which is integrating Quizizz into the LKPD. This study aims to: (1) create a product that fulfills feasibility criteria, and (2) know student's responses during the using product. The research method used is Research and Development (R&D) with 4D model modified into 3D, namely Define, Design, and Develop. The research instruments include interview sheet, validation sheets, questions in the product, and questionnaire on students' responses to the product. A total of 10 students from Grade XI of Phase F were selected as research samples through purposive sampling technique. Data were analyzed quantitatively and qualitatively. The research results showed that: (1) product has fulfilled the criteria of being very valid and feasible with average percentage of 96.87%. The average score of students when answering the questions in the product was 81, which falls into the good category, and the product fulfilled the criteria of being very effective; and (2) the average percentage of students' responses to the product was 95.93%, which is classified as very good, and the product fulfilled the criteria of being very practical. This is supported by the average percentage of student's responses per aspect in the questionnaire, which was 98.18%. Students stated that the product was easy to understand, engaging, interactive, very enjoyable, and clear after using the product.

Keywords : Acid-Base Solutions, Interactive Student's Worksheet, Qu