

ABSTRACT

Syibrina Jihan Lubis. 8186181005. The Development of Science Student Worksheet (LKPD) For Elementary Student Grade IV Based on Scientific In Academic Year 2020/2021. Thesis. Basic Education. Program Postgraduate School. State University of Medan. 2020.

The research is a type of research and development that aims to determine the validity, response of students and teachers to the science student worksheet constructed on the science approach. Science student worksheet development applies the 4-D model development procedure consist of 4 stages specifically: define, design, develop, and disseminate. The subjects of this research were IVA& IVB class at SD IT Deli Insani consist of 55 students. The data collection instruments were in the formula of assessment sheets for material authorities, learning design authorities, layout, linguists, and the response questionnaire sheets for students and teachers. This development research produces the material, learning design, layout, and language with an average percentage level 93,5% which is characterized as legitimate and suitable for usage, and get a decent response from the students reached 96,2% and with decent criteria and response teacher getting 94,9% with decent criteria.

Keywords: *science student worksheet, scientific*



ABSTRAK

Syibrina Jihan Lubis. 8186181005. Pengembangan Lembar Kerja Peserta Didik (LKPD) IPA Berbasis Pendekatan *Scientific* Untuk Siswa Kelas IV SD Tahun Ajaran 2020/2021. Tesis. Pendidikan Dasar. Program Pascasarjana. Universitas Negeri Medan. 2020.

Penelitian ini merupakan jenis penelitian pengembangan (*Research and Development*) yang bertujuan untuk mengetahui validitas, respon peserta didik dan guru terhadap Lembar Kerja Peserta Didik (LKPD) IPA berbasis pendekatan *scientific*. Pengembangan ini menggunakan model 4-D yang meliputi 4 langkah, yaitu: penyebaran (*define*), perancangan (*design*), pengembangan (*develop*), dan penyebaran (*disseminate*). Subjek penelitian ini peserta didik kelas IV dan IVB SD IT Deli Insani Tanjung Morawa sebanyak 55 peserta didik. Instrument pengumpulan data berupa lembar penilaian validasi ahli materi, ahli desain pembelajaran, ahli *layout*, ahli bahasa, dan lembar angket respon peserta didik dan guru. Penelitian ini menghasilkan produk yang memenuhi validasi materi, desain pembelajaran, *layout*, dan bahasa dengan rata-rata tingkat presentase 93,5% yang berkategori sangat valid dan layak digunakan, serta respon peserta didik mencapai 96,25% dengan kriteria sangat baik dan respon guru mencapai 93,5% dengan kriteria sangat baik.

Kata Kunci: *lembar kerja peserta didik, scientific*

