

**THE EFFECT OF THINK-PAIR-SHARE STRATEGY ON STUDENTS'
COMMUNICATION SKILL AND CONCEPTUAL MASTERY IN
LEARNING LIGHTS AND OPTICS**

RESEARCH PAPER

**submitted as one of requirements to achieve Bachelor Degree on Department of
International Program on Science Education**



by

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**INTERNATIONAL PROGRAM ON SCIENCE EDUCATION
FACULTY OF MATHEMATICS AND SCIENCE EDUCATION
UNIVERSITAS PENDIDIKAN INDONESIA
BANDUNG
2016**

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oleh
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Sebuah skripsi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar
Sarjana Pendidikan pada Fakultas Pendidikan Matematika dan Ilmu Pengetahuan
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DECLARATION

I do hereby declare that every respect which is written in research paper entitled “The Effect of Think-Pair-Share on Students’ Communication Skill and Conceptual Mastery in Learning Lights and Optics” is genuinely pure result of my original ideas, efforts, research, and work. This is not copied or plagiarized from other papers. The opinions or findings of others which is contained in this research paper have been quoted or referenced based on scientific code of conduct and accordance with ethical science that applies in scholarly society. This declaration is created truthfully and consciously, when subsequently it is found an infringement towards scientific ethics, or if there is a claim of any others towards the authenticity of this research paper, hence I am willing to responsible and accept academics sanctions correspond to applicable rules.

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