

# **Collaborative Learning and Local Wisdom based SSP in Improving Students Learning Achievement and Critical Thinking in Thematic-Integrative Learning of Grade IV SD**

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## **ABSTRACT**

This study aims (1) to produce an appropriate Subject Specific Pedagogy (SSP) based on collaborative learning and local wisdom and (2) to find out the effectiveness of Subject Specific Pedagogy (SSP) based on collaborative learning and local wisdom towards the improvement of students learning achievement and critical thinking. The research design used R&D model from Borg&Gall (1983, p.775) which consists of 10 steps, they are: research and information collecting, planning, develop preliminary product, preliminary field testing, main product revision, main field testing, operational product revision, operational product testing, final product revision, dissemination and implementation. The subjects were the students of grade IV SDN Bantul Timur. The results show that SSP based on collaborative learning and local wisdom is appropriate in use based on the judgement of material and learning experts categorizing very good. Based on the field tried out, it can be found that the product of this study has significant effect towards students learning achievement and critical thinking, and there are significant effectiveness differences between the students using SSP based on collaborative learning and local wisdom and the students using traditional learning tools.

*Kata Kunci: SSP based on collaborative learning and local wisdom, learning achievement, critical thinking*