

**THE EFFECTS OF PROBLEM BASED LEARNING MODEL (PBL)
ASSISTED ANIMATION TO INCREASE STUDENTS
LEARNING OUTCOMES ON TOPIC HEAT AND
TEMPERATURE AT GRADE X-SCIENCE IN
SMA N 1 BERASTAGI A.Y.2015/2016**

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THESIS

Submitted to Acquire Eligible Sarjana Pendidikan

THE
Character Building
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**FACULTY OF MATHEMATICS AND NATURAL SCIENCE
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