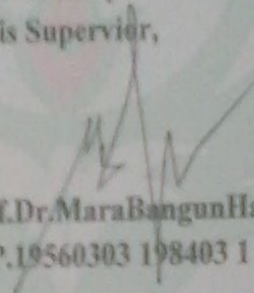


Title of Thesis : The Effect Of Cooperative Learning Model Type Of Jigsaw  
Based On Mind Mapping On Student's Learning Outcomes  
In The Temperature And Heat Subject Matter InClass X  
Even Semester Sma Negeri 3 Medan Learning Year 2013 / 2014

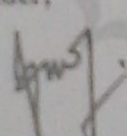
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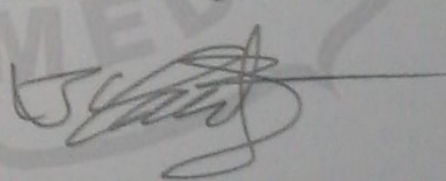
  
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