VINH UNIVERSITY
**FACULTY OF EDUCATION**

**SOCIALIST REPUBLIC OF VIETNAM**
**Independence – Freedom – Happiness**

# THESIS ABSTRACT

## I. Introduction

Thesis topic: *Management of teaching Mathematics in English in high schools following the orientation towards development of student's capacity*

Major: Education Management Code: 9140114

PhD Student: Nguyen Van Ngoc Course 2016

Supervisor 1: Assoc. Prof. Dr. Nguyen Ba Minh

Supervisor 2: Prof. Dr. Thai Van Thanh

Institution: Vinh University

## II. Main content

### 1. Research goals and subjects

On the basis of theoretical and practical research, writers proposed management measures about teaching Mathematics in English in high schools following the orientation towards development of students' capacity and meeting requirements of the fundamental and comprehensive innovation of high school education.

Research subject: Management of teaching Mathematics in English in high schools following the orientation towards development of students' capacity.

### 2. Research methods

Theoretical research methods; practical research methods; mathematical statistical methods.

### 3. Main results and conclusion

#### 3.1. Main results

The thesis served as an in-depth, systematic and comprehensive work on teaching activities and management of teaching Mathematics in English in high schools following the orientation towards development of students' capacity.

In terms of theory: The thesis systematized and developed overall content of the theoretical framework for teaching management following the orientation towards development of students' capacity, especially the following content: teaching activities following the orientation towards development of students' capacity and management of teaching Mathematics in English in high schools following the orientation towards development of students' capacity.

In terms of practicality: The thesis presented, analyzed and evaluated the current situation of teaching activities and management of teaching Mathematics in English in high schools following the orientation towards development of students' capacity.

In terms of proposed measures: The thesis proposed six (6) effective measures to manage teaching Mathematics in English in high schools following the orientation towards development of students' capacity which have been evaluated for necessity and feasibility. Two out of six solutions have been tested giving positive results.

**3.2. Conclusion**

The thesis contributed to the supplement and development of the theoretical basis of the management of teaching Mathematics in English in high schools following the orientation towards development of students' capacity, indicating that management of teaching Mathematics in English in high schools following the orientation towards development of students' capacity is both an opportunity to improve quality of teaching and a substantial challenge for students, teachers and high school administrators. The approach towards students' capacity was applied throughout the research process.

The thesis surveyed and analyzed comprehensively the current situation of English learning management in high schools following the orientation towards development of students' capacity. Consequently, strengths, weaknesses and their causes were analyzed as a practical basis to propose measures.

Based on theoretical and practical research, the thesis has proposed six (6) effective measures to manage English learning in high schools following the orientation towards development of students' capacity as follows: Organize activities to raise awareness of the management staff and teachers about the management of teaching Mathematics in English in high schools following the orientation towards development of student's capacity; Systemalize activities of teaching Mathematics in English in high schools following the orientation towards development of student's capacity; Organize and direct activities of teaching Mathematics in English in high schools following the orientation towards development of student's capacity; Direct the application of IT and communication in teaching and management of teaching Mathematics in English in high schools following the orientation towards development of student's capacity; Develop assessment criteria for teaching Mathematics in English in high schools following the orientation towards development of student's capacity;

Direct the development of mechanisms and conditions to ensure the quality of teaching Mathematics in English in high schools following the orientation towards development of student's capacity.

| Representative of Supervisors | PhD Student |
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| Prof. Dr. Thai Van Thanh | Nguyen Van Ngoc |