

投稿類別：英文寫作類

篇名：

**Exploring the After-School Student Engagement in  
Vocational High School**

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## **Abstract**

The student engagement has the connection to their efficiency on academic performance. This research aims to explore the after-school student engagement in senior high school. Based on the questionnaire designed by researchers to investigate how well the participants involve in their schoolwork, 200 valid questionnaires are collected from a private senior high school in Taichung City, and quantitative data analyses are used to respond to the research questions. Finally, some suggestions will be provided to promote students engagement in academic performance.

The findings are as following:

1. More than a half of the students engaged in academic learning activities after school.
2. The female, vocational students engaged in after-school learning activities most.

The suggestions for improvement :

1. To really spend your time on study is the priority to have better learning achievement.
2. It is critical for students to find the most suitable way in their own studying own so as to increase studying efficiency.

**Keywords: academic performance, vocational high school, student engagement**

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## **I. Introduction**

### **I. 1 Statement of Problem**

Previous studies indicated that students' time and energy devoted to purpose activities in campus has become one of useful predictors to explain their learning and personal development (Astin, 1993; Kuh, 2001; Pace, 1980; Pascarella & Terenzini, 1991). To be specific, the student engagement makes them more productive, which not only enriches their campus life, but performs well in academic achievements.

### **I. 2 Purpose of Study**

This study aims to explore how well vocational high school students spend on study time after school. The student engagement is one of the essential factors which attributes to the academic performance. The findings will reveal some information about after-school student engagement in vocational high school and conclude some suggestions to improve their academic performance.

### **I. 3 Research Questions**

1. How well do vocational school students engage in academic learning activities after school?
2. Which grade of vocational school students engage more in after-school learning?

## **II. Methods**

### **II. 1 Participants**

The researchers consider students' backgrounds to determine the impact of their engagement. The 200 participants are selected from a private vocational high school in Taichung City, including 100 males and 100 females, 66% of whom are from 1<sup>st</sup> grade, 66% from 2<sup>nd</sup> grade, and 66% of whom are from 3<sup>rd</sup> grade. In addition, 2% of those participants are invalid.

### **II. 2 Instrument**

This questionnaire is designed for collecting data of the after-school student engagement in vocational high school. The questionnaire is divided into two parts. The first part is participants' personal information. The second part is to investigate how well vocational high school students engage in their studies.

### **II. 3 Data Analysis**

Quantitative data analyses were used in this study. The quantitative analyses involved statistic procedure. Descriptive statistics, including frequencies were calculated to summarize the information by SPSS. The findings will respond to the research questions.

### III. Findings

#### III. 1 Overview of after-school student engagement

According to the data analysis, 23% of students spent fewer than one hour on after-school study. 64% of students spent between one hour and three hours on after-school study. 13% of students spent more than 3 hours on after-school study.

In addition, 7% of students reported 'always' on after-school review. 19% of students reported 'often' on after-school review. 38 % of students reported 'sometimes' on after-school review. 26% of students reported 'rarely' on after-school review. 10% of students report 'never' on after-school review.

Moreover, 51% of students join cram schools, 27% of students join tutoring and 22% of students self-studying. More detailed information is presented in Table 1 and Figure 1, 2, and 3.

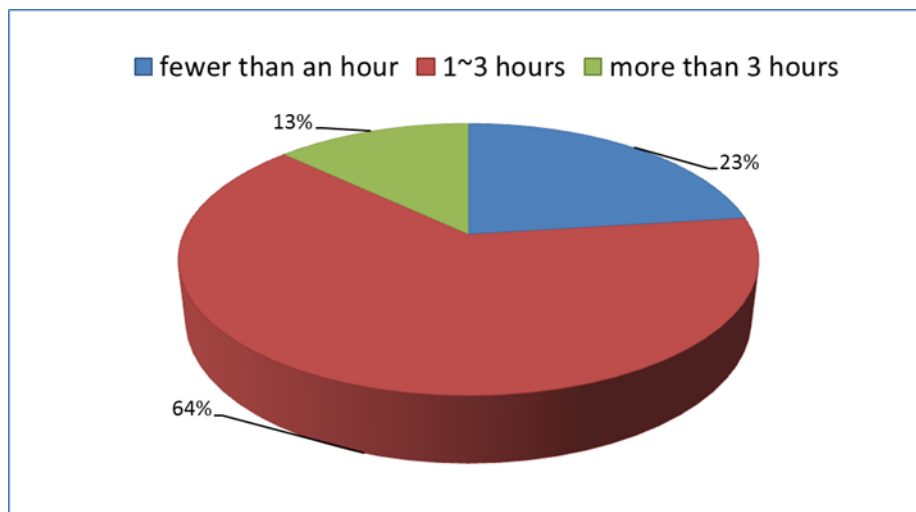
**Table 1 After-school student engagement**

	frequency	percentage (total)
<b>Study time</b>		
fewer than an hour	23	23%
1~3 hours	64	87%
more than 3 hours	13	100%
<b>Review</b>		
always	7	7%
often	19	26%
sometimes	38	64%
rarely	26	90%
never	10	100%

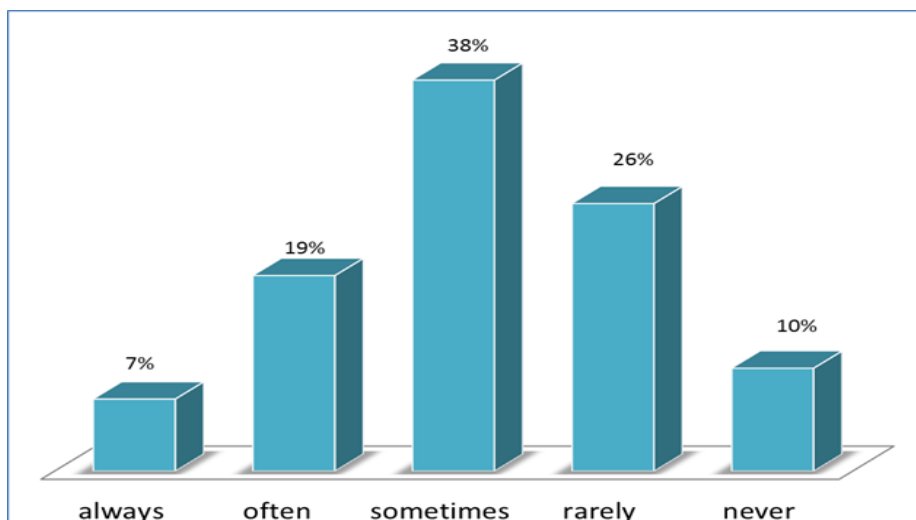
## The condition of studying after school

cram school	51	51%
tutoring	27	78%
self-studying	22	100%

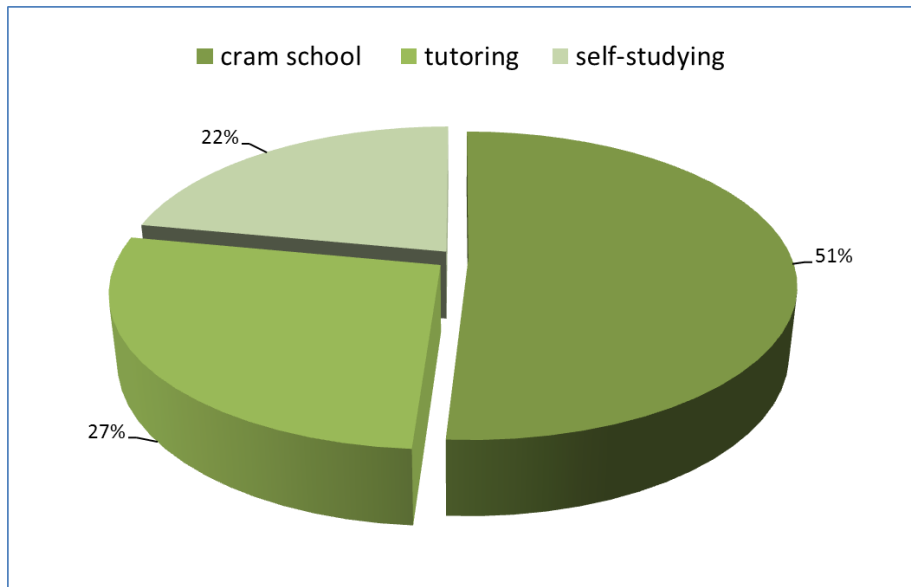
**Figure 1 After-school student engagement in study time**



**Figure 2 After-school student engagement in review the class**



**Figure 3 The condition of studying after school**



### III. 2 Student engagement with different backgrounds

In light of study time, 52% of males and 34% of females reported that they spent after-school study time fewer than one hour. 36% of males and 48% of females reported that they spent after-school study time between one and three hours. 12% of males and 18% of females reported that they spent after-school study time more than three hours.

58% of 1<sup>st</sup> students, 54% of 2<sup>nd</sup> students and 36% of 3<sup>rd</sup> students reported that they spent after-school study time fewer than one hour. 23% of 1<sup>st</sup> students, 33% of 2<sup>nd</sup> student and 45% of 3<sup>rd</sup> students reported that they spend after-school study time between one and three hours. 19% of 1<sup>st</sup> students, 13% of 2<sup>nd</sup> students and 19% of 3<sup>rd</sup> students reported that they spent after-school study time more than three hours. The details are shown as Table 2.

**Table 2 Study time reported by different backgrounds**

	Fewer than 1 hour	1~3 hours	More than 3 hours
<b>Gender</b>			
Male	52%	36%	12%
Female	34%	48%	18%

<b>Grade</b>			
1 <sup>st</sup>	58%	23%	19%
2 <sup>nd</sup>	54%	33%	13%
3 <sup>rd</sup>	36%	45%	19%

From the reviewing the important part of class aspect, 10% of males and 4% of females reported 'always' on after-school review. 10% of males and 28% of females reported 'often' on after-school review. 32% of males and 44% of females reported 'sometimes' on after-school review. 32% of males and 20% of females reported 'rarely' on after-school review. 16% of males and 4% of females reported 'never' on after-school review.

6% of 1<sup>st</sup> students, 8% of 2<sup>nd</sup> students and 11% of 3<sup>rd</sup> students reported 'always' on after-school review. 7% of 1<sup>st</sup> students, 8 % of 2<sup>nd</sup> students and 27% of 3<sup>rd</sup> students reported 'often' on after-school review. 34% of 1<sup>st</sup> students, 38% of 2<sup>nd</sup> students and 37% of 3<sup>rd</sup> students reported 'sometimes' on after-school review. 35% of 1<sup>st</sup> students, 33% of 2<sup>nd</sup> students and 24.7% of 3<sup>rd</sup> students reported 'rarely' on after-school review. 18% of 1<sup>st</sup> students 13% of 2<sup>nd</sup> students and 6% of 3<sup>rd</sup> students reported 'never' on after-school review. The details are shown as Table 3.

**Table 3 Review the important part of classes reported by different backgrounds**

	Always	Often	Sometimes	Rarely	Never
<b>Gender</b>					
Male	10%	10 %	32%	32%	16%
Female	4%	28%	44%	20%	4%
<b>Grade</b>					
1 <sup>st</sup>	6%	7%	34%	35%	18%
2 <sup>nd</sup>	8%	8%	38%	33%	13%
3 <sup>rd</sup>	11%	27%	37%	19%	6%

From the reviewing the condition aspect, 34% of males and 37% of females join cram schools after school .17% of males and 19% of females join tutoring after school. 49% of males and 44% of females study by themselves after school.

23% of 1<sup>st</sup> students, 31% of 2<sup>nd</sup> students and 49% of 3<sup>rd</sup> students join cram school after school. 13% of 1<sup>st</sup> students, 19 % of 2<sup>nd</sup> students and 27% of 3<sup>rd</sup> students join tutoring after school. 64% of 1st students, 50 % of 2nd students and 24% of 3rd students study by themselves after school.

**Table 4 Review the condition of studying after school**

	Cram school	Tutor	Self-study
<b>Gender</b>			
Male	34%	17%	49%
Female	37%	19%	44%
<b>Grade</b>			
1 <sup>st</sup>	23%	13%	64%
2 <sup>nd</sup>	31%	19%	50%
3 <sup>rd</sup>	49%	27%	24%

#### IV. Conclusion

According to the findings above, 87% of students spend fewer than three hours on studying after school every day. 13% of students spend more than 3 hours on studying relatively. In addition, 76% of students report “sometimes” on reviewing the important part of classes after school. Moreover, the result of the after-school student engagement reveal that over a half of the students engage in academic learning activities after school.

Meanwhile, 18.0% of females report that they spend after-school study time more than one hour, which is better than the males (12.0%). Besides, 19% of students in 3<sup>rd</sup> grade report that they spend after-school study time more than 3 hours, which is better than the students in 2<sup>nd</sup> grade (13%). Generally speaking, the result shows that the percentage of female, senior grade, and vocational students who engage in after-school learning most.

Finally, well goes an old saying, “As you sow, so shall you reap.” Therefore, the efficiency depends on how well-prepared you are. The student engagement plays an important role in academic performance. To really spend your time on studies is the priority to have better learning achievements. Therefore, it is critical for students to find the most suitable way in their own studying so as to increase studying efficiency. In a nutshell, by individual determinations, not only can we achieve our targets but also enrich our habits of studying.

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## Appendix

### Questionnaire

Dear all,

We are Applied Foreign Language's students who are working on a research project about time management of vocational high school students. Your opinions will be significant for our project. Thank you for completing the questionnaire.

#### I. Personal Information

1. Gender : ☐ Male ☐ Female
2. Grade : ☐ 1<sup>st</sup> ☐ 2<sup>nd</sup> ☐ 3<sup>rd</sup>

#### II. Questions

1. How much time do you spend on studying after school?  
☐ Fewer than an hour ☐ 1 ~ 3 hours ☐ More than 3 hours
2. Do you review the important part of classes after school?  
☐ Always ☐ Often ☐ Sometimes ☐ Rarely ☐ Never
3. Do you join the tutoring or cram class after school?  
☐ Yes ☐ No
4. Which way do you learn after-school?  
☐ Cram school ☐ Tutoring ☐ Self-studying