

**វិទ្យាស្ថានជាតិអប់រំ
បរិញ្ញាបត្រជាន់ខ្ពស់អប់រំវិជ្ជាជីវៈគ្រូបង្រៀនកម្រិតឧត្តម
(បរិញ្ញាបត្រ+២) ជំនាន់ទី២**

ប្រធានបទស្រាវជ្រាវ

**Exploring the Perception of Grade A, Grade 12 Students
toward Classroom Environment Factors that Influence
Their Academic Achievement**

បេក្ខជន៖

លី ប៊ុនសំនាង

គ្រូបណ្ឌិតរៀនសាលា៖

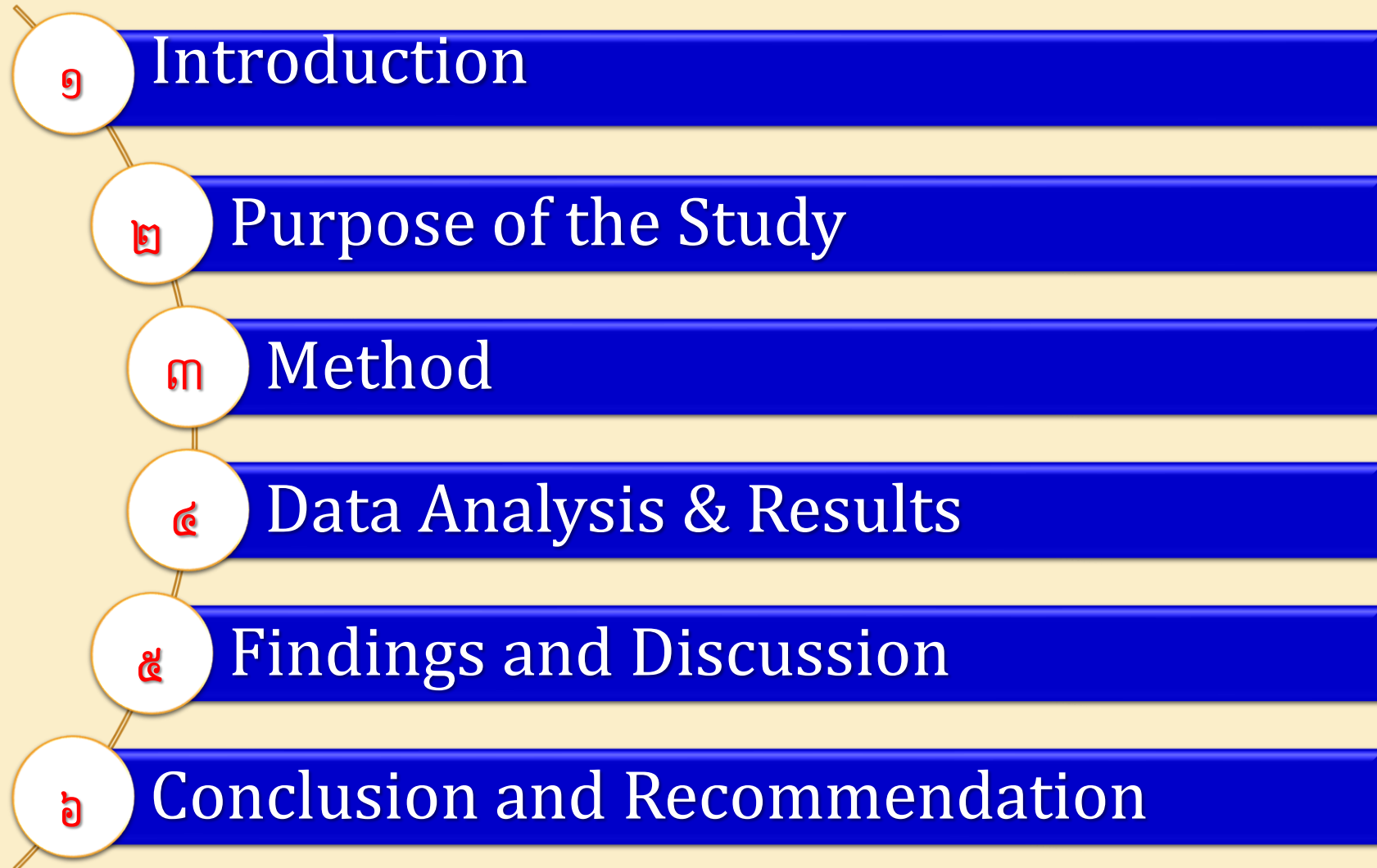
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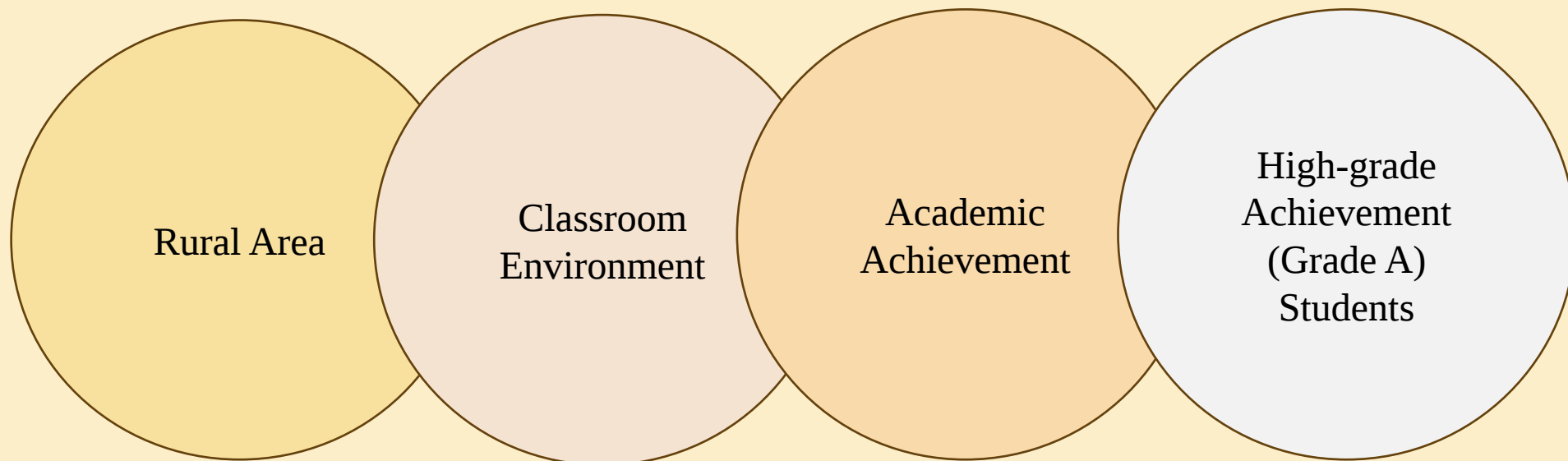
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Content



- The number of Grade-A students in the rural area of Cambodia is very small compare to the number of Grade-A students in the city.
- Previous studies have shown the relationship between classroom environment and student's academic performance.
- However, the condition of the schools in the rural area of Cambodia is under the area of improvement.
- Despite the area of improvement is happening, the study aim to seek more factors from students who perform well in their academic in order to contribute as benefit to the field.



Previous Findings

Physical environment affect student's movement and interfere with their interaction (Torelli and Durrett, 1996)

Emotional Factor plays as a crucial role in shaping the interaction between students and teachers. It builds self-esteem and self-confidence in influencing student's willingness to participate in class, ask question and take academic risk (Harter, 1999)

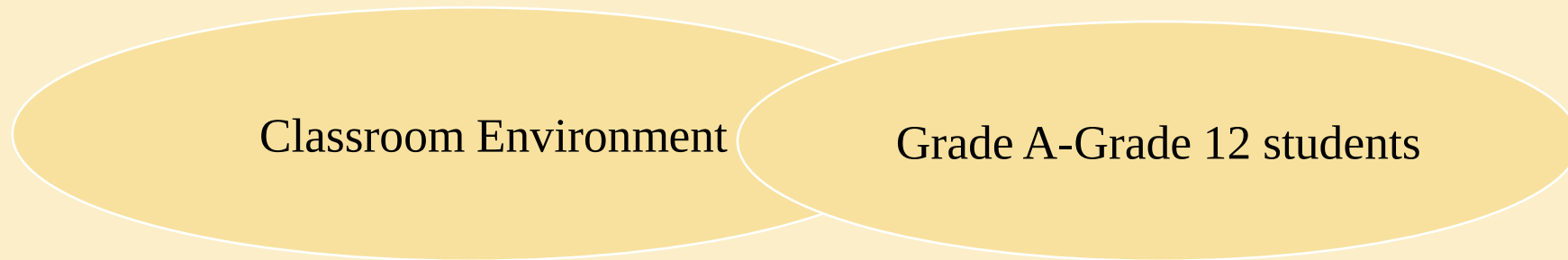
Psychological influences on student's academic performance intrinsically and extrinsically as motivation which drive personal interest to perform better in academic life (Ryan & Deci, 2000)

Social affect student's performance psychologically and indirectly from school and family (Clark, 2002)

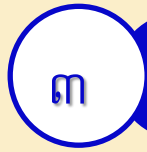


Purpose of the Study

The study aims to explore the perception of Grade A-Grade 12 students in the rural area of Cambodia toward their classroom environment factors that influence their academic achievement.



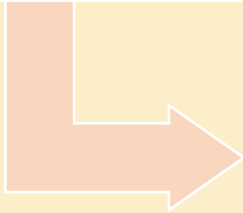
What are the key factors of classroom environment that influence Grade A-Grade 12 students?



Method

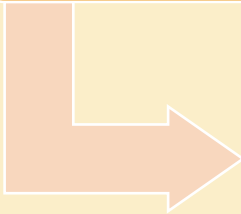
Qualitative

- In-dept Interview



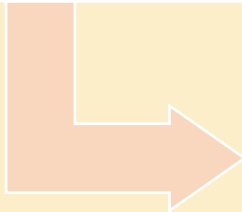
Data Collection

- Questionnaires (Open-ended questions)



Data Analysis

- Transcribe



Narrative Study

Population

6 Grade A-Grade 12 students selected from different high schools in 2 provinces, Ratanakiri, Cambodia.

Sampling

Purposive sampling-Selected participants who achieved Grade A in their national exam.

Participants

Grade-12 Students in rural area of Ratanakiri Province & Kampong Chnang, Cambodia



Data Analysis & Results

Physical

- **Physical Setting affects student's academic performance indirectly.** "I had no problem with physical setting, but it could be beneficial if it is arranged properly for learning condition such as seating arrangement and room temperature because it will made me feel more comfortable in learning".
- **Students who feel physically at ease are more likely to stay focused and engaged.** "I find no difficulty in seating, even though my class has a big number of students, as I was getting used to it".

Emotional

- **Appreciation and Encouragement reinforce Student's Academic Performance.** "I received admiration and encouragement from teachers and classmate when I answer the question in the class, even sometime my answer was not fully correct".
- **Emotional support play as a key role in shaping student's learning experience.** "I was grateful to have empathetic teachers and classmates, especially when I was sick and I had no feeling to study."

Psychological

- **Positive and Growth Mindset from teacher boost academic performance.** "My teacher is really supportive, when I answered questions, I had no fear to be wrong".
- **Self-Driven and Independ learning is the key.** "I always wanted to be the best when I learn and I want to make the history for my school and build reputation for my family".

Social

- **Group work and Group discussion plays as significant role in influencing student's academic achievement.** "I learned a lot from my friends. Sometimes, Their explanation is easy to understand than teacher's explanation".
- **Teachers and Peers are role models.** "I always look up to my teacher and senior who got high grade performance".



Findings & Discussion

Factors that have influenced on Grade A, Grade 12 Students in the rural area of Cambodia:

Direct Factor

- Self-Driven
- Teacher Support
- Peer Support
- Group Discussion
- Teacher and Peer are role model

Psychological & Social

Indirect Factor

- Seating Arrangement
- Room Temperature
- Classroom Size
- Appreciation and Encouragement from Teacher and Classmates
- Emotional Support (SS-SS & T-SS)

Emotional & Physical

Conclusion & Recommendation

In Conclusion, Classroom environment affects High Grade Student in rural area directly and indirectly. These factors are significant to those who are relevant in the field of education such as teachers, school leaders and students as take them into account in order to improve the classroom environment in the rural area.

High Grade Achievement Students

- Self-Driven
- Teacher Support
- Group Discussion
- Peer Support
- Teacher & Peer are role model

- Seating Arrangement
- Room Temperature
- Classroom Size
- Appreciation and Encouragement from Teachers and Classmates
- Emotional Support

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