









#### BAGUIO CITY NATIONAL SCIENCE HIGH SCHOOL

School

Innovation Name Leveraging the SQ3R Strategy for Enhanced Academic Performance: A Study in Learning Innovation

#### Explain your innovation briefly

Place text here; About five sentences max.

The SQ3R method is a powerful learning strategy that can significantly impact students' academic performance by enhancing their comprehension, retention, and critical thinking skills. This school innovation project aims to integrate the SQ3R strategy into our teaching methods to improve student engagement and academic outcomes.

#### Problem Statement - What problem does the innovation seek to address

- 1. Traditional teaching methods are not effectively engaging students and leading to decreased academic performance.
- 2. Students struggle with information retention and critical thinking in current learning environments

How does the project demonstrate a clear understanding of the needs of your school community?

Enumerate the pain points and needs here.

- 1. Lack of motivation and engagement in traditional learning approaches.
- 2. Difficulty in maintaining student interest and ensuring effective learning outcomes.
- 3. Concerns about their children's academic progress and performance.
- 4. Encountering education-related issues impacting the community's overall development and future workforce.

#### What makes the project unique, different, and worthy of emulation?

Place text here: About five sentences max.

- DepED Memo 1, s 2024 Implementation of Catch-Up Fridays
- This project stands out by focusing on a research-based, proven learning strategy like the SQ3R method, which has the potential to transform the way students approach and engage with their studies. By incorporating active reading and comprehension techniques, students can develop a deeper understanding of the subject matter and improve their overall academic performance.

#### What are your key challenges and how do you plan to overcome them?

Enumerate three key challenges and the possible strategies to address them.

- 1. Resistance to Change: Implement a comprehensive orientation program for educators and students to understand the benefits of the SQ3R strategy and how it can enhance learning outcomes.
- 2. Resource Constraints: Seek partnerships with external organizations or community stakeholders to provide necessary resources, such as training materials and workshop facilitators.
- 3. Consistent Implementation: Establish regular monitoring and evaluation mechanisms to ensure the consistent application of the SQ3R strategy in G7 English, Math and Science.

#### What resources would you need? How would you source them?

Enumerate the most important resources that you would need.

- Training materials and guides on the SQ3R strategy for teachers and students.
- Workshops and professional development sessions to introduce and reinforce the SO3R method.
- Collaborative partnerships with community organizations and stakeholders to support the project financially and logistically.
- Monitoring and evaluation tools to track students' progress and the impact of the SQ3R strategy on their academic performance.

# LEVERAGING THE SQ3R STRATEGY FOR ENHANCED ACADEMIC PERFORMANCE: A STUDY IN LEARNING INNOVATION

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**Baguio City National Science High School** 



# The Problem

- Learning Poverty! 91 percent of children in the Philippines at late primary age today are not proficient in reading (EduAnalytics, June 2022.
- Considering our students are the cream of the crops, why do they fall short in the result of PASS conducted by GRACE for Grade 7 students?



## The Problem

Of 114 Grade 7 students of BCNSHS, only 5%, 2%, and 9% achieved Proficiency levels in English, Math, and Science, respectively. This is the outcome of the PASS conducted in May 2024.



# The Problem

In the realm of education, traditional methods of learning continue to face challenges in engaging students effectively, leading to declining academic performance and motivation among learners. With the evolving landscape of education, there is a pressing need to reevaluate and enhance learning strategies to address these issues and ensure student success.





# **The Context**

- BCNSHS is one of the Special Science Implementing Schools in CAR
- Our students are considered the cream of the crops.



# **Alignment to SIP**

- 1. ITDOWAN (Initiating a Transformative education through Diverse Learning Opportunities, Wonderful, Authentic, and Nurturing strategies
- 2. Project SIRIB (Strategic Intervention to Raise Intellectuality among BCNSHS)
- 3. Project RANGE (Revitalizing Academic Norms and Standards Geared Toward Excellence)



## **STUDENTS**

- 1. Lack of Reading
- Motivation
- 2. Low Self-Confidence

## **PARENTS**

- 1.Lack of Awareness
- 2.Limited Engagement

#### **TEACHERS**

- 1. Limited Resources
- 2. Large Classroom Sizes
- 3. Time Constraints

### **BARANGAY OFFICIALS**

- 1. Cultural Relevance
- 2. Limited Outreach

## The Solution

The innovation proposes the implementation of the contextualized SQ3R strategy for Grades 7 and 8 in English, Mathematics, and Science, to promote active learning, critical thinking, and improved academic performance.



## The Solution

The SQ3R method, which stands for Survey, Question, Read, Recite, and Review, is a proven strategy that promotes active reading and comprehension. Integrating the SQ3R method into the learning process has the potential to enhance students' critical thinking skills, retention of information, and overall academic performance.

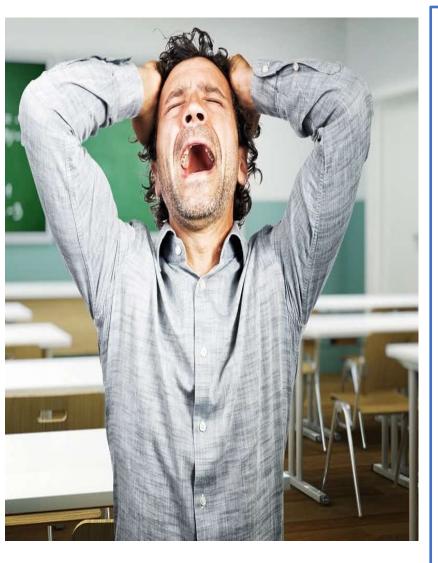


# **A Differentiated Approach**





# Challenges



- Resistance to change of teacher implementers.
- Ensuring consistent implementation of the SQ3R strategy in English Math and Science.
- Resource limitations(Reading Materials)
- Training for educators.
- Time allotment in the ESM subjects

# **Needed Resources**

- Training materials on the SQ3R strategy for teachers
- Reading materials (Books)
- Collaborative partnerships with barangay officials and community organizations.
- Survey questionnaires to measure the impact of SQ3R and the perception of students.





# **Monitoring & Evaluation**

- Regular assessments of students' learning outcomes and academic progress following the implementation of the SQ3R strategy. (Quarterly Grades in ESM)
- Feedback sessions with teachers, parents, and barangay officials to gather insights on the effectiveness of the innovation. (Google Form)
- Data analysis to measure improvements in student engagement, comprehension, and retention of information. (Pre-Post Test)

# **Critical Visual Narrative**

Of 114 Grade 7 students of BCNSHS, only 5%, 2%, and 9% achieved Proficiency levels in English, Math, and Science, respectively. This is the outcome of the PASS conducted in May 2024. We can increase this SY 2024-2025.

**LET'S DO OUR SHARE!** 

