



# Effect of Classroom Quizzes on the Achievement of School Student

Ms. Shafiq

# Introduction of the study

- Educational achievement of the students is the main focus of the practitioners and researchers
- The decline in the students' achievement is a big concern
- how teachers can improve students' academic achievement ?
- how classroom quizzes affect the student's achievement in science ?

# What is Assessment

Lots of definitions of assessment but broadly ...

Assessment can be described as a procedure to gather and discuss information from various sources in order to know about students' learning as an outcome of their educational experience (Huba and Freed, 2000).

# Formative and Summative Assessment

formative and summative assessments are not different forms of assessment but the purpose for which information is used determine the type

Cont ....

# Continued ...

- The purpose of **Formative Assessment** is not only to assess learning, in fact it is about the improvement in learning. Formative assessment is designed in order to enhance the learning of the students by giving them feedback and adjusting teaching process and students' learning strategies accordingly.
- **Summative Assessment** focuses on ranking or certification

# Importance of Classroom Quiz

- Method to assess students' learning
- Learning tool
- Help students to be regular and prepare the content effectively
- An opportunity to provide timely feedback
- Diagnoses students' conceptual errors and build their understanding
- Provide a starting point for further work

Cont...

# Importance of Classroom Quiz

- Provide an opportunity to students for self-assessment
- Impact on the student's retention
- Helpful in case of progressive courses, where each session builds foundations
- A way to overcome the tendency to cram
- Helps to study on more regular basis

# Procedures of the Study

- Two class sections were taken
- Research participants were sixth grade female students studying science course
- One section out of two, received regular classroom quizzes
- Results of the quizzes were used for helping the students to improve their learning of the course contents

Cont....



# Procedures of the Study

- Feedback was given to the student after each quiz through classroom discussion The score reliability is quite high
- Conceptual errors of the students regarding the content were identified and their misconceptions were clarified

# Results and Conclusions

- Students who received regular quizzes performed better than those who experienced no quizzes
- A significant difference between the scores of both groups showed that quizzes facilitate learning and enhanced the achievement of the school students in science subject.
- Discussions followed by the quiz helped to clarify the conceptual errors and students gained more clarity of the concepts.

# Results and Conclusions

- The continuous classroom quiz improved the students' achievement by regularizing their studies
- Frequent and timely feedback helped students to know regarding their lacking areas and their misconceptions related to the topics
- They listened the following discussions more attentively
- Quizzes (continuous formative assessment) had positive impact on students' performance

Thanks for Listening and Soft Questions