



**St. Joseph College of Teacher Education for Women
Ernakulam**



CRITERION II

**2.4.5 Adequate skills are developed in students for effective use of ICT
for teaching learning process**

(Developing assessment tools for both online and offline learning)

Submitted to

**National Assessment and Accreditation Council (NAAC)
3rd Cycle of Assessment**



ST. JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN ERNAKULAM
KOCHI-682035, KERALA

2.4.5

Developing Assessment Tools for both Online and Offline Learning

SI No	Documentary Evidence	Page No
1	Training on Digital Self-Assessment Tool	1-2
	Digital Self-Assessment Tools Created by Students	3-25



ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN

Kovilvattom Road, Ernakulam, Kochi, Pin – 682035, Kerala
(Affiliated to Mahatma Gandhi University, Kottayam)

Report: Training on Digital Self-Assessment Tool

Name of the Event	Training on Digital Self-Assessment Tool (Offline) -Rubrics
Objectives	<ul style="list-style-type: none">• To introduce a self-assessment e-tool for high school students.• To enhance the learning experience of students through technology.• To provide a structured platform for self-assessment and improvement.• To promote independent learning and critical thinking.• To understand the preparation and application of Digital Check List, Digital Rating Scale, Digital Rubrics
Resource Person	Reshmi R.K, Science Educator, St. Joseph TTI Ernakulam
Date	January 4, 2023
Time	1.00-4.30 pm
Venue	Multi Purpose Hall

The self-assessment e-tool presented by Reshmi R.K is a digital platform designed to empower high school students in evaluating their own progress and enhancing their learning outcomes. Can access resources and assess their own performance, fostering critical thinking and self-reliance.

In today's rapidly evolving educational landscape, the integration of technology has become a pivotal aspect of enhancing the learning experience for high school students. On January 4, 2023, Reshmi R.K, a distinguished Science Educator at St. Joseph Teacher Training Institute in Ernakulam, presented a novel concept – a self-assessment e-tool for high school students. This report aims to provide an overview of this initiative and its objectives.

The self-assessment e-tool presented by Reshmi R.K represents a significant advancement in high school education. Its implementation aligns with the objectives of enhancing learning experiences, fostering independent learning, and promoting structured self-assessment. This innovative approach could potentially revolutionize the way high school students engage with their educational content and could serve as a model for similar initiatives in the future. This tool incorporates various features and resources to facilitate self-

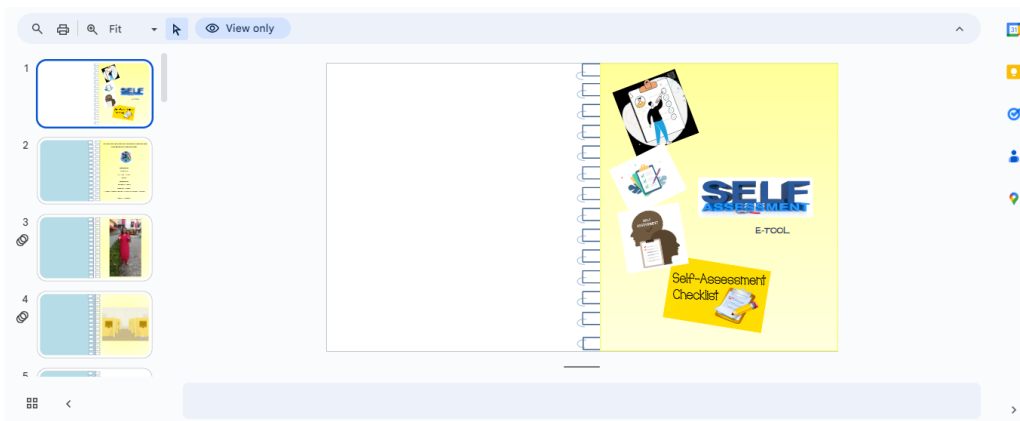




assessment, including check List, Rating Scale, Rubrics as tool progress tracking, and access to learning materials.

Conclusion

As the educational landscape continues to evolve, the importance of technology-driven tools for students' growth cannot be understated. The self-assessment e-tool is a valuable addition to this landscape, and its successful implementation has the potential to positively impact the educational journey of high school students.



ST JOSEPH COLLEGE OF TEACHER EDUCATION FOR WOMEN ERNAKULAM

TRAINING ON DIGITAL SELF ASSESSMENT TOOLS
4/1/2023

RESOURCE PERSON



RESHMI R.K
SCIENCE EDUCATOR
ST.JOSEPH TTI
ERNAKULAM

MULTI PURPOSE HALL
1-4.30 PM
NB:BRING YOUR LAPTOP OR ANDROID PHONE





SELF ASSESSMENT

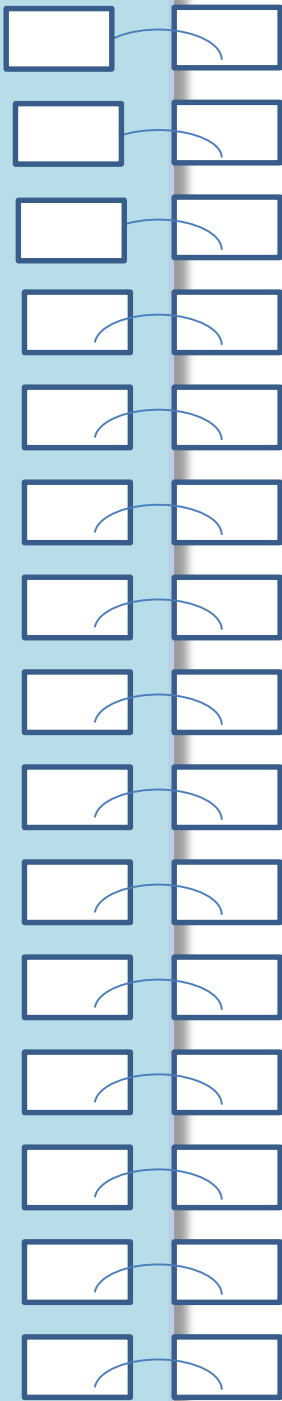
E-TOOL



A vertical column of 18 empty rectangular boxes, arranged in two columns of nine, connected by a central blue spiral binding. Each box is intended for a student's name.



CHEMISTRY IX



CHAPTER 2 IS MATTER AROUND US PURE?



Source: Sanku WISAT, Class IX



1. STUDENT SELF ASSESSMENT CHECKLIST



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Name:

School:

To help me become a better learner i need to think about the major topics that I covered while studying the chapter.

Hint: Put a ✓

Content	Knows very well	Fairly knows	Don't know
Do I know about the topic mixture?			
Do I know about what solution is?			
And about suspension?			

3. STUDENT SELF ASSESSMENT CHECKLIST



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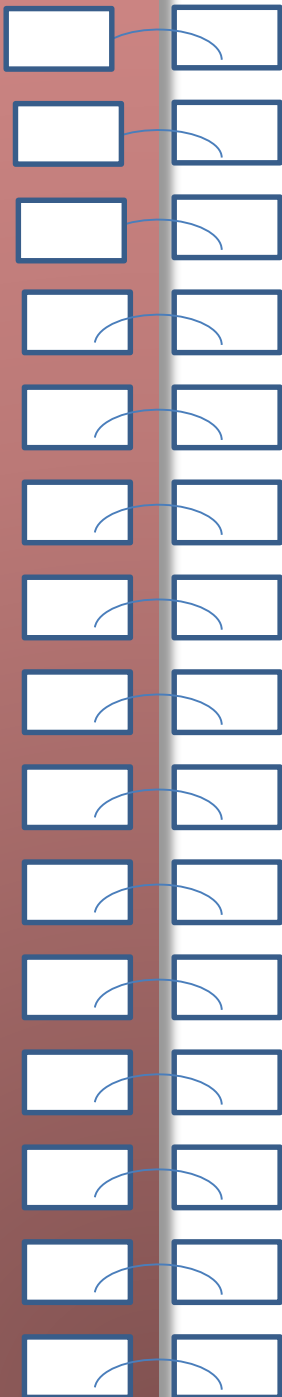
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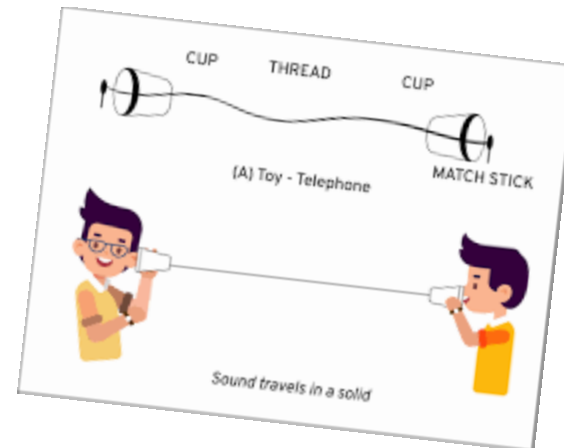
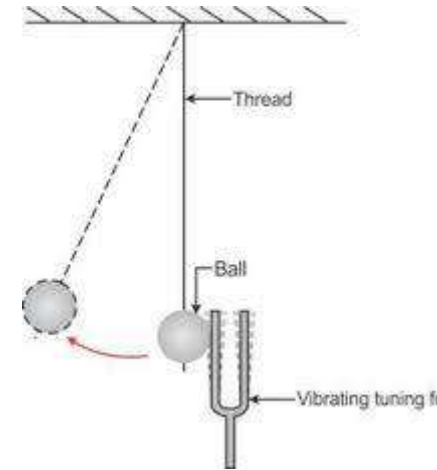
Hint:Put a✓

Content	Knows very well	Fairly knows	Don't know
Do I know about the topic Physical and chemical changes			
Do I know about what element is?			
And about what compound is?			

PHYSICS IX



CHAPTER 12 SOUND



1. STUDENT SELF ASSESSMENT CHECKLIST

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Name:

School:

To help me become a better learner i need to think about the major topics that I covered while studying the chapter.

Hint:Put a✓

Content	Knows very well	Fairly knows	Don't know
Do I know about sound?			
Do I know about production of sound?			
And about propagation of sound?			



TRY TO RATE YOURSELF USING RATING SCALE.

1 STUDENT SELF ASSESSMENT RATING SCALE

	1	2	3	4	5
Knowledge about sound.					
Knowledge about production of sound					
Knowledge about propagation of sound					

- 1- very satisfied
- 2- satisfied
- 3-neutral
- 4- dissatisfied
- 5- very dissatisfied



2. STUDENT SELF ASSESSMENT RUBRICS



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TOPIC	UNSATISFACTORY	NEED DEVELOPMENT	SATISFACTORY	EXCELLENT
Sound needs a medium to travel	I can neither understand nor get an idea that the sounds needs a medium to travel.	I can understand that sound is a mechanical wave and needs only medium like air, but I can neither understand nor found out that it travels through medium like water, steel etc.	I can understand that sound is a mechanical wave and needs only medium like air, but cannot found out that it travels through medium like water, steel etc.	I can understand that sound is a mechanical wave and needs a medium like air, water, steel etc
Characteristics of sound waves	I can neither understand nor found out that the frequency, amplitude and speed are the characteristics of sound wave.	I can understand that the characteristics of sound wave are only amplitude and speed, but I can neither understand nor cannot found that it depends on the frequency	I can understand that the characteristics of sound wave are only amplitude and speed, but cannot found that it depends on the frequency.	I can understand that the characteristics of sound wave are frequency, amplitude and speed.
Sound waves are longitudinal waves	I can neither understand that longitudinal waves are waves in which the vibration of the medium is parallel to the direction the wave travels nor found out that the displacement of the medium is in the same direction of the wave propagation.	I can understand that longitudinal waves are waves in which the vibration of the medium is parallel to the direction the wave travels but can neither understand nor found out that the displacement of the medium is in the same direction of the wave propagation	I can understand that longitudinal waves are waves in which the vibration of the medium is parallel to the direction the wave travels but cannot found out that the displacement of the medium is in the same direction of the wave propagation	I can understand that longitudinal waves are waves in which the vibration of the medium is parallel to the direction the wave travels and displacement of the medium is in the same direction of the wave propagation.

3. STUDENT SELF ASSESSMENT RATING SCALE

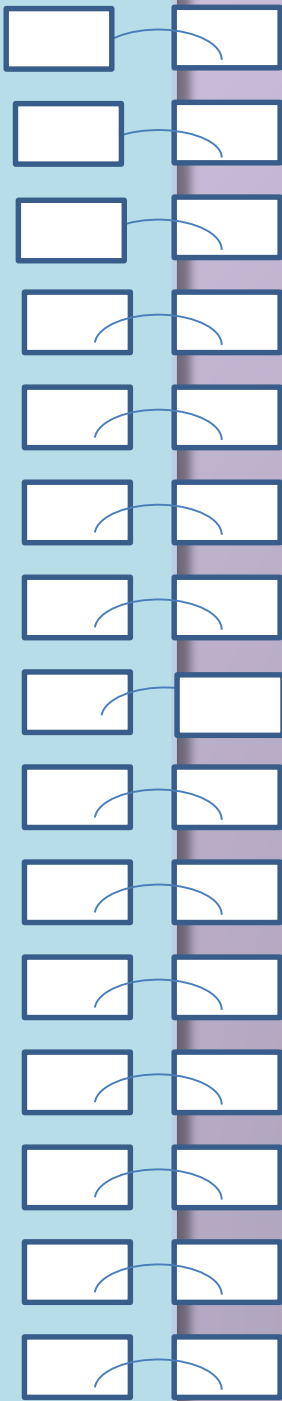
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TRY TO RATE YOURSELF USING RATING SCALE.

	1	2	3	4	5
Knowledge about reflection of sound					
Knowledge about echo					
Knowledge about the range of hearing					

- 1- very satisfied
- 2- satisfied
- 3- neutral
- 4- dissatisfied
- 5- very dissatisfied





Students, I hope the self assessment e- tool is useful for your learning.

THANK YOU.

