

THE  
GOOD  
PROJECT



# SAMR MODEL



SHAFaq IRSHAD

DECEMBER 2023

# Introduction



**Pakistan**



**Beaconhouse  
School System**

# Introduction

10  
teachers  
across  
Pakistan



Beaconhouse Group

76,331 followers

46m · 🌐

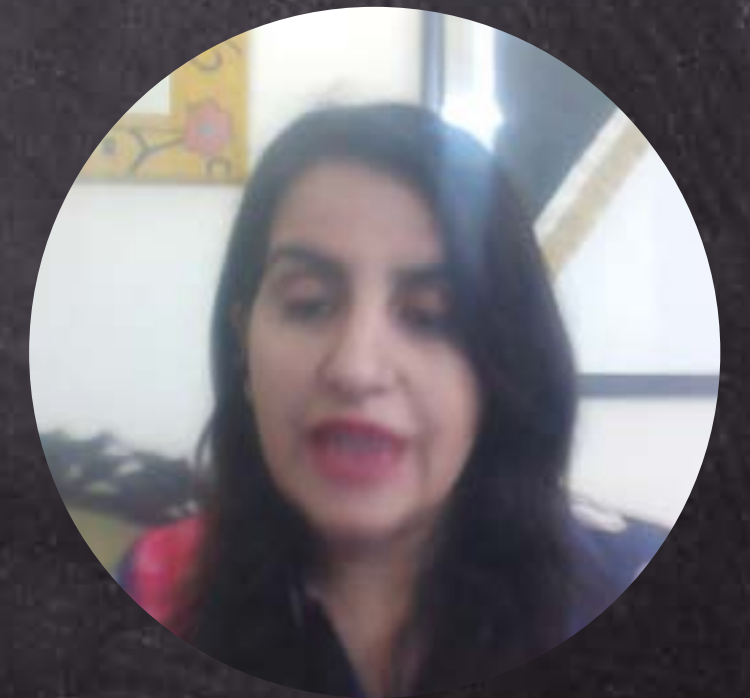


Beaconhouse is delighted to announce that 10 of our secondary school teachers will be participating in an international research study by Harvard Graduate School of Education alongside professionals from across the world!

'The Good Project' by Dr Howard Gardner is a research study that encourages ethical, excellent, and engaging work, and strives to empower students to contemplate ethical challenges that surface in daily life, allowing them to make deliberate choices that contribute to societal well-being.

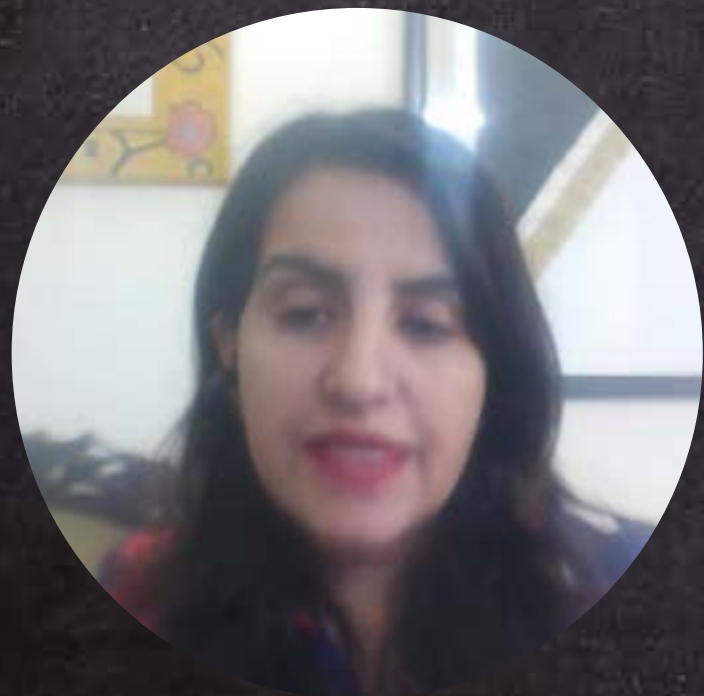


**10 teachers**  
selected for global research by  
Harvard Graduate School of Education



**Topic**

**SAMR MODEL & SAMR  
PADAGOGY WHEEL**



# SAMR MODEL



## WHAT IS SAMR USED FOR?

The SAMR model is basically a planning tool that is used to assist in the development of outstanding educational experiences for students. The framework gives educational input into how technology can and should be utilized in the classroom.

# SAMR MODEL

THERE ARE FOUR LEVELS OF SAMR:

**SUBSTITUTION:** USING TECHNOLOGY AS A SUBSTITUTE, WITH NO FUNCTIONAL IMPROVEMENTS

**AUGMENTATION:** ADDING FUNCTIONAL IMPROVEMENTS

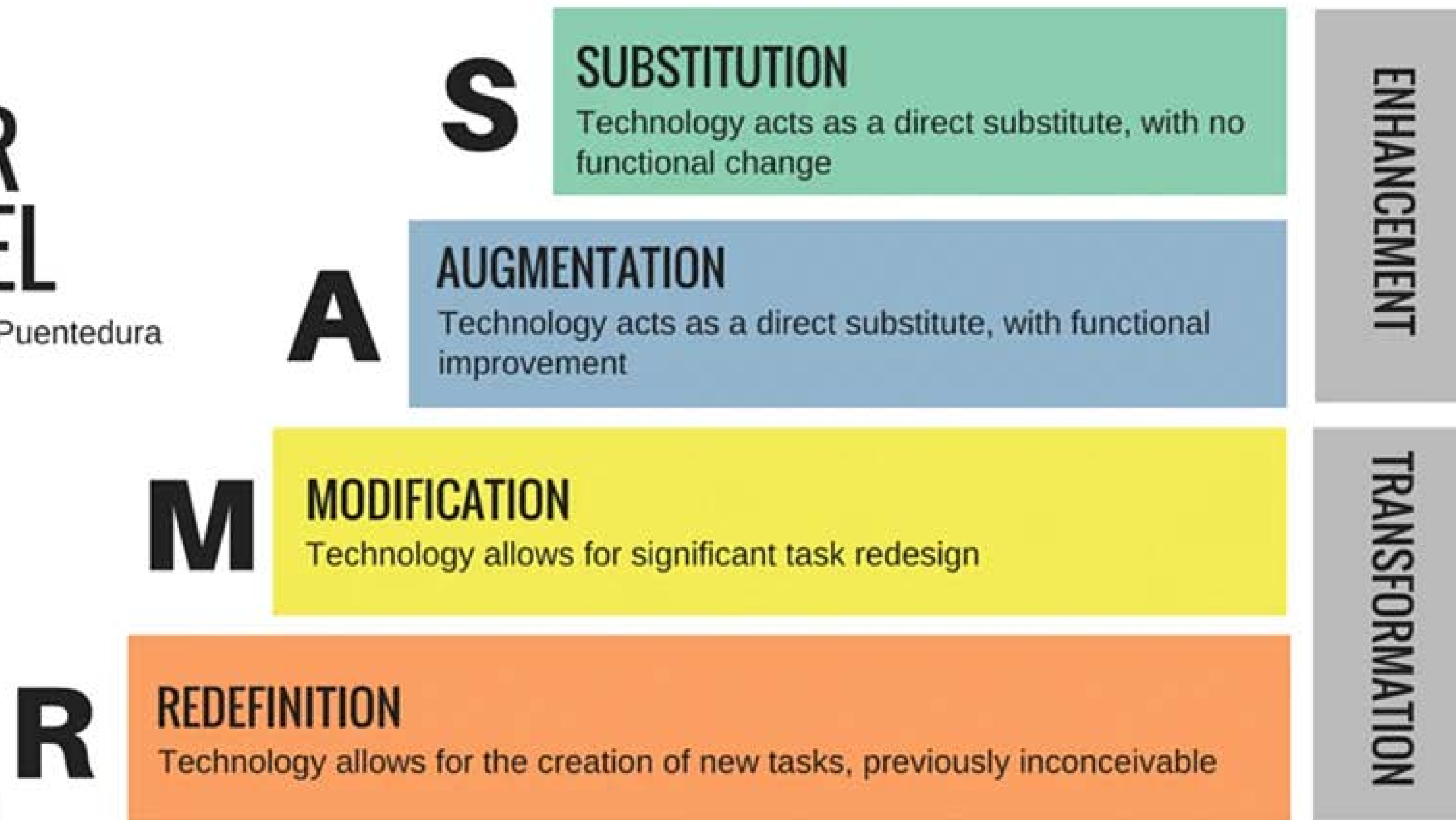
**MODIFICATION:** NECESSARY TASK REDESIGN

**REDEFINITION:** CREATION OF TASK NORMALLY IMPOSSIBLE

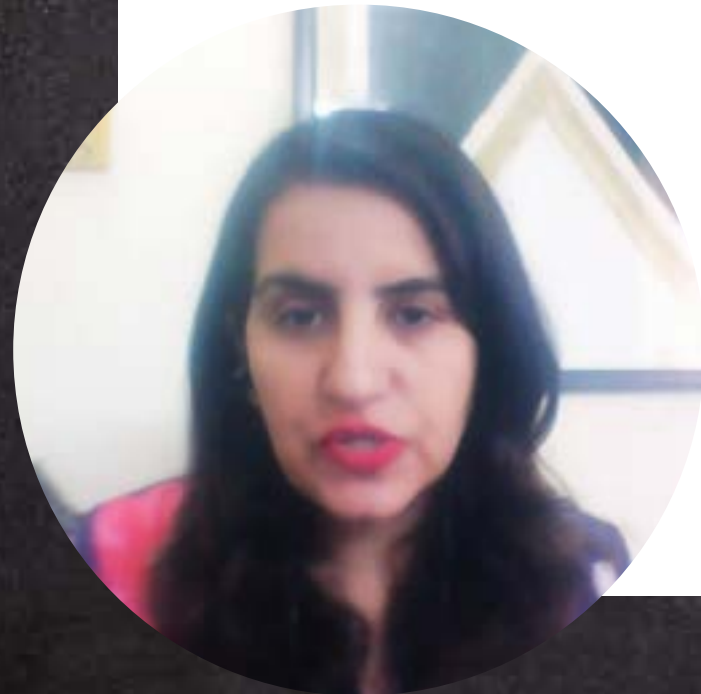


# THE SAMR MODEL

Dr. Ruben R. Puentedura



By Lefflerd - Own work, CC BY-SA 4.0, <https://commons.wikimedia.org/w/index.php?curid=47961924>



# 1. SUBSTITUTION

Technology acts as a direct substitute, with no functional change.

- EdTech is adapted to serve as a replacement for more conventional methods. While the content of the class does not change, the way that content is delivered changes.
- By replacing paper-based tasks with digital alternatives.
- Reducing the Printing and Stacking activity.





# 1. SUBSTITUTION



For example:

- Rather than jotting down notes in their notebook, students can type their notes on word processing software (like Google Docs or Microsoft Word).
- To save time and effort, quizzes and exams can be taken digitally instead of on paper.
- A regular whiteboard can be substituted with a digital whiteboard, which can help students and teachers in sharing class notes, saving files, recording lessons, etc.

# 1. SUBSTITUTION



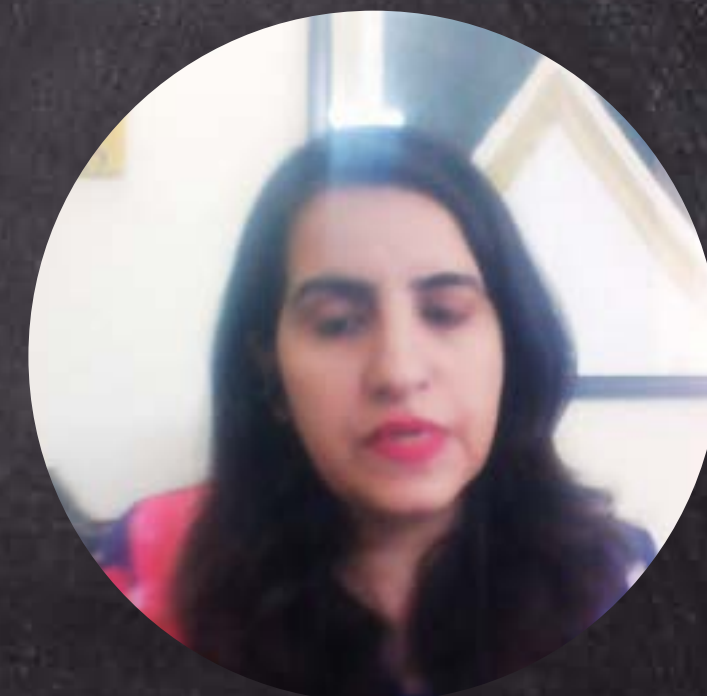
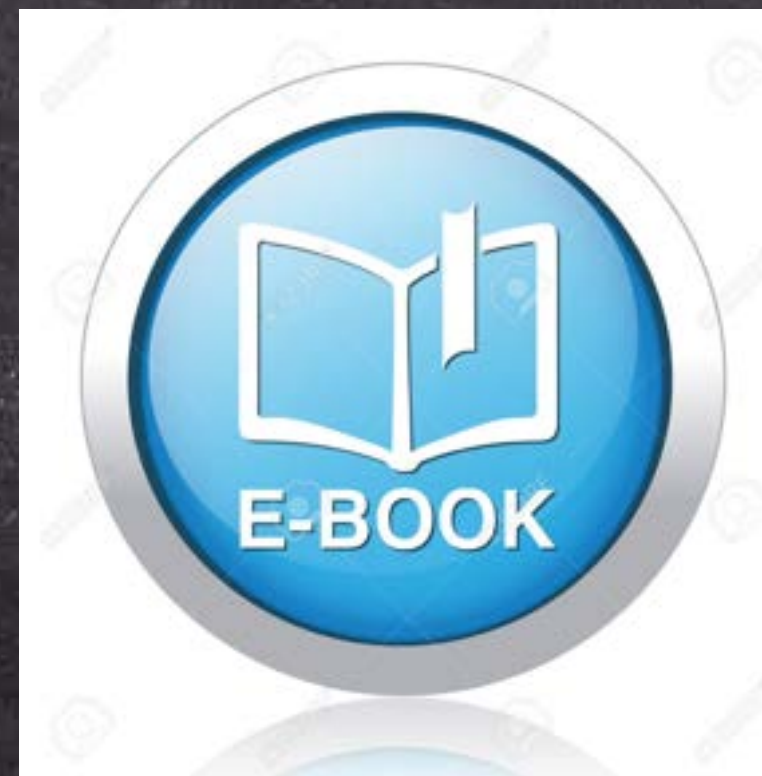
Bump



Ithought



MS word





Calculator (Body)

Font Paragraph

$\frac{2}{8} + \frac{5}{8} = \frac{7}{8}$

$\frac{1}{2} + \frac{16}{1 \times 2}$

$\frac{1}{2} + \frac{32}{2} = \frac{33}{2}$

$\frac{7}{8}$

① 
$$\begin{array}{r} 16 \\ 2 \overline{) 33} \\ \underline{-20} \\ 13 \\ \underline{-12} \\ 1 \end{array}$$

This last method connects to the representation of  $\frac{1}{2}$  on the number line. Six equal parts, and the magnitude or length of one part is considered.

Sometimes, the context used to pose the question can influence the strategy of response. Suppose the previous question was revised to the following:

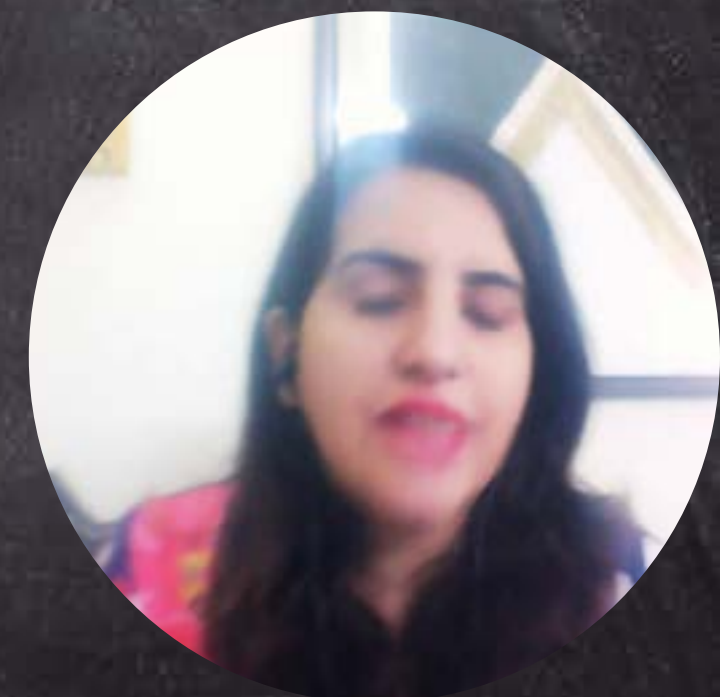
Equally share three six cups of water among four people.



## 2. AUGMENTATION

TECHNOLOGY ACTS AS A DIRECT SUBSTITUTE, WITH FUNCTIONAL IMPROVEMENT

It also allows for the introduction of more independent and student-centric learning. By using technology as a source of information, students can start actively learning without requiring constant teacher-led instruction.



# 2. AUGMENTATION

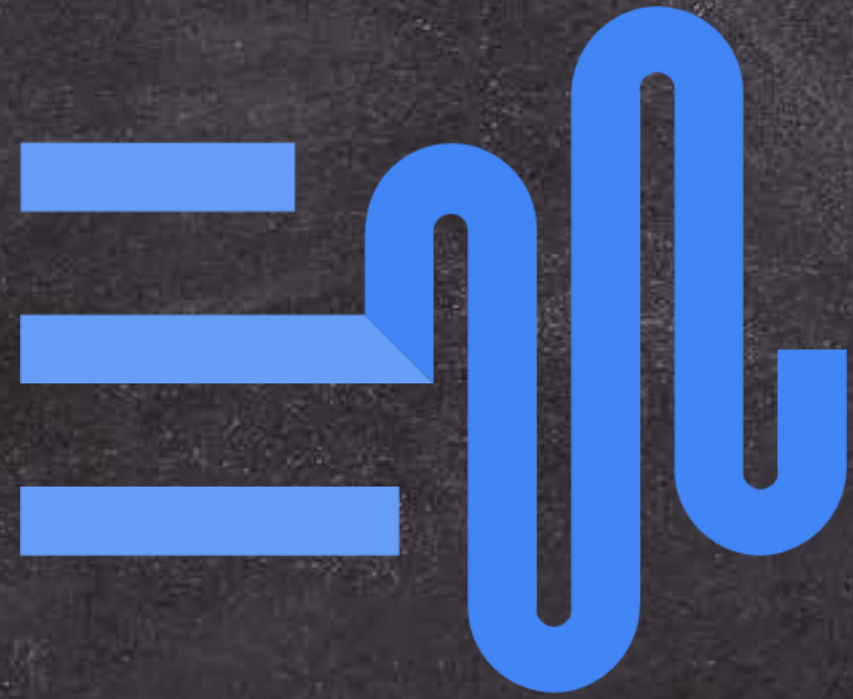


For Example:

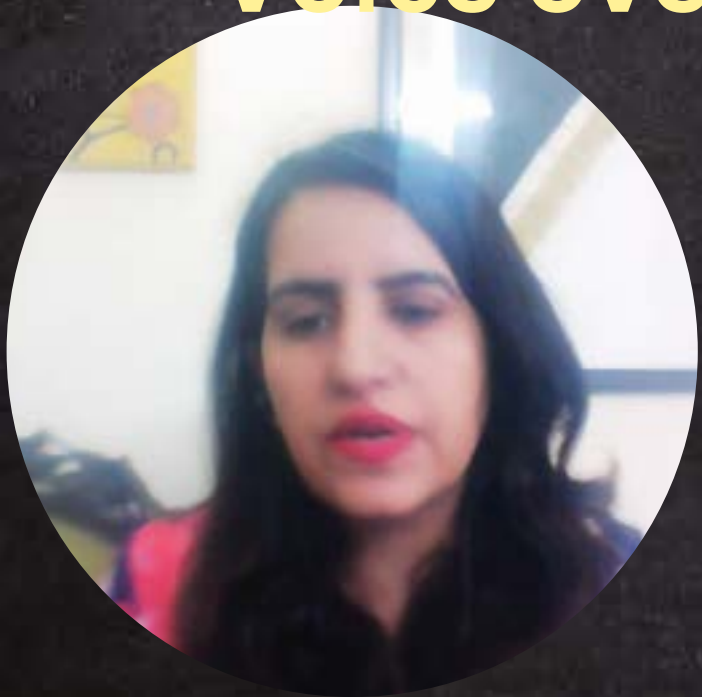
- A PowerPoint with multimedia features helps students offer more insightful and interesting presentations.
- Instead of depending on teacher guidance, students do their own research online.
- To increase interest in and retention of course material, as well as to provide a transparent means of monitoring student progress, teachers and students can both use an ed-tech platform that uses game-based learning to deliver course content.
- Tools such as a video are used to help teachers convey a complex topic to their students.

# 2. AUGMENTATION

Applications



Voice over



Wordcloud



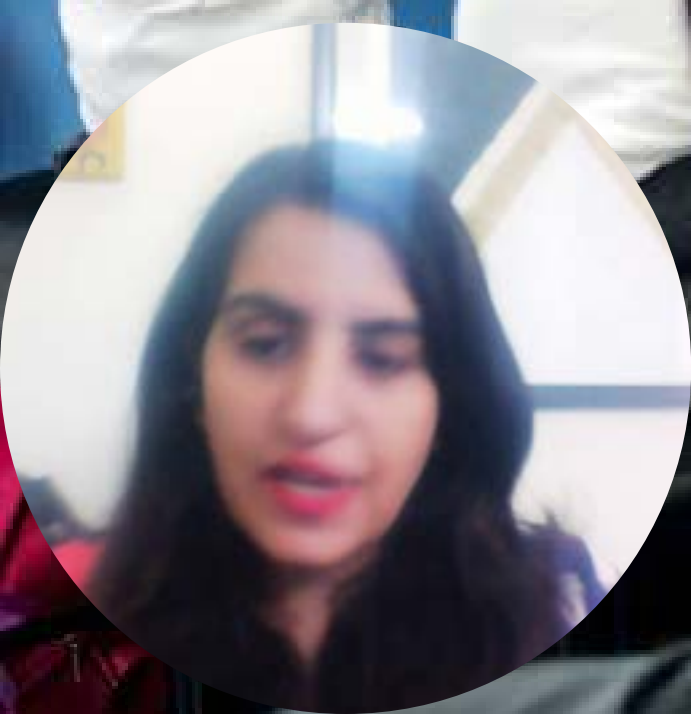
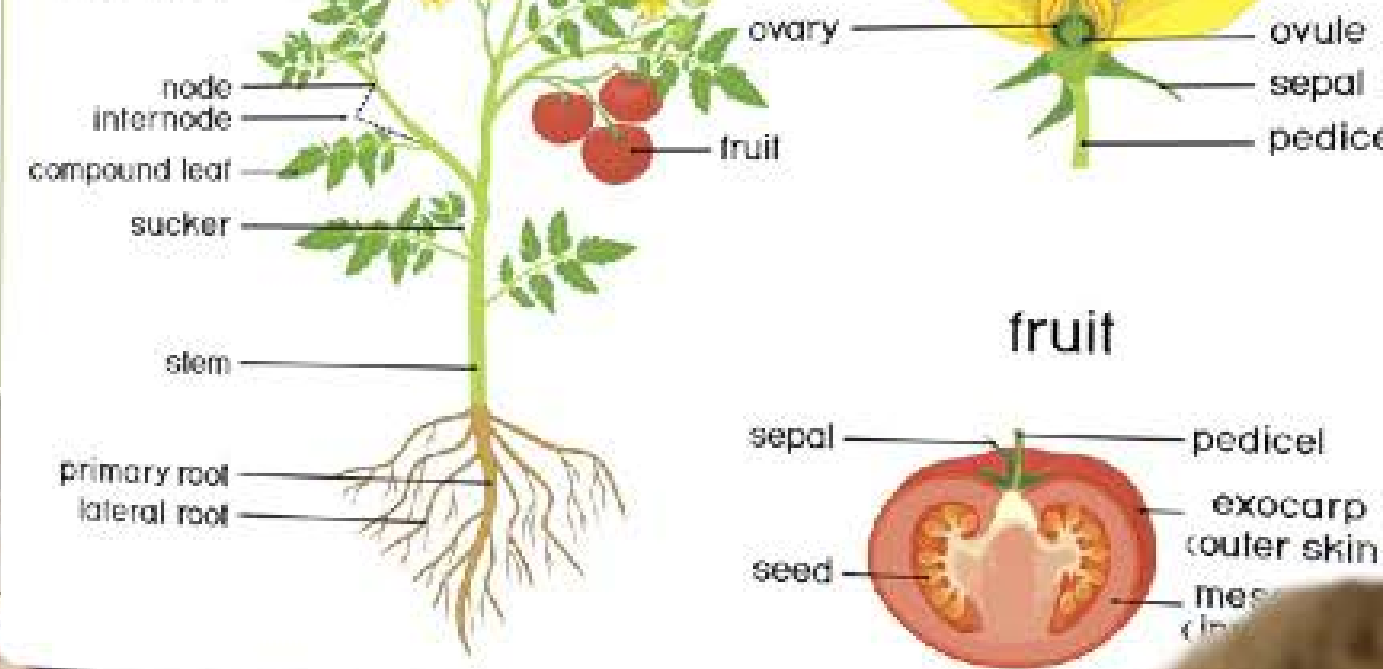
Multimedia



C



Stem



Hand the plant

Hand the plant

Weights

dream

Hands

### New Weapons Used in WWI

- Aerial Bombing
- Poisonous gases
- Tanks
- Submarines
- Trench Warfare





# 3. MODIFICATION

## TECHNOLOGY ALLOWS FOR SIGNIFICANT TASK REDESIGN

At this point, SAMR has progressed beyond the “enhancement” phase and into the “transformation” phase. Here, technology is used to change a student’s mindset and problem-solving strategies, both inside and outside of the classroom.



# 3. MODIFICATION



Jamboard



Google+



Penzu



# 3. MODIFICATION

For example:

Students use Google Docs to draft research reports and share them with their classmates, discussing the assignment in the Comments section.

Students hand in their assignments using Google Classroom, and educators provide evaluations using the platform's built-in rubric.





# Brainstorm

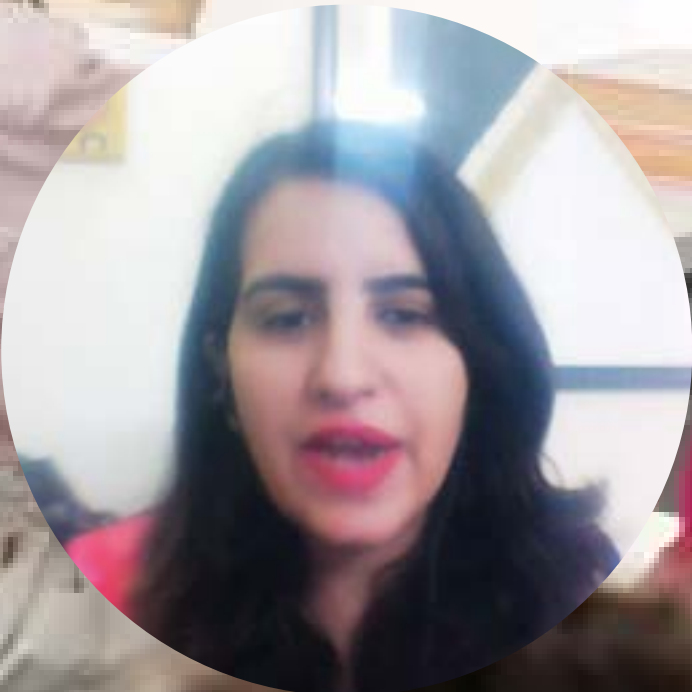
management  
planning



Sustainable Development  
Strategy Of The State

National Development  
Plan

Brainstorm  
management  
planning



learnt something new and felt you understood it well. Waina Shoalb

Practiced something you weren't good in order to improve. Syed Huzafa Adnan

Went beyond what was required to do your best. Tanisha Nadeem



new and felt you understood it well. Rida Zehra Zaidi

Learn something about new & felt you understood it well. Meerab Malik

practised something you weren't good in order to improve- Parishay fatima

Learn something new. S.Amna Ali

Honed and perfected your skill with practice and consistency to be better than that of the common average. -Anaya noor



completed the task and outcome u are proud of. Shees

Improved in something that you weren't good in? -salwa akif

completed the task with outcomes I was proud of -bareera

Proud of the outcome of a task you completed! -Pareshey Chandio



Learn from mistakes you've made in the past. - Umar ahmed

Beat a personal best. Rasel Ur Rehman

did something that i couldn't do in the start-insia abbas

Achieving highest standard by learning all the necessary skill. Ayela Marium

Beat your personal best - Muhammad Aneeq



# 4. REDEFINITION



**TECHNOLOGY ALLOWS FOR THE CREATION OF NEW TASKS, PREVIOUSLY INCONCEIVABLE.**

Learning may be revamped to better connect with the real world and provide genuine results. It also helps students develop “technical soft skills,” such as communication, teamwork, and adaptability in a digital environment.

# 4. REDEFINITION



- For example:
- Students can connect with people from across the globe and contribute to a better learning environment.
- It may be quite beneficial to record students when they deliver a presentation or perform physical activity, and then use the recording to encourage them to reflect on their performance

# 4. REDEFINITION



Creative BookBuilder



Wordpress

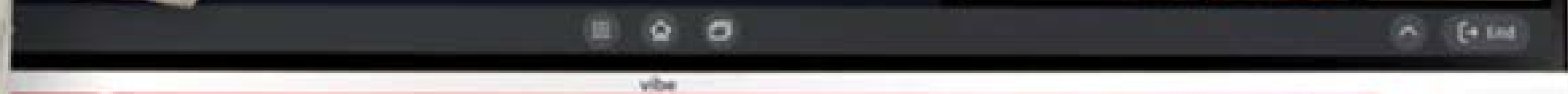
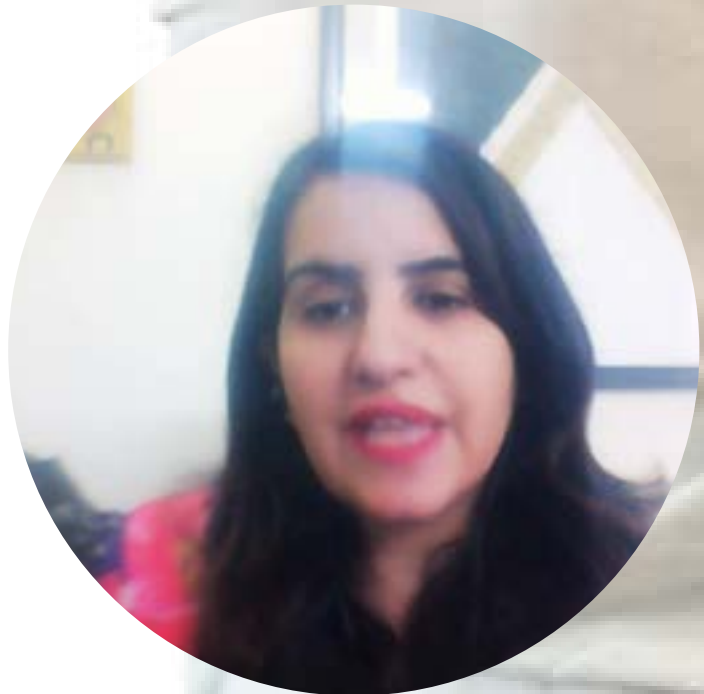
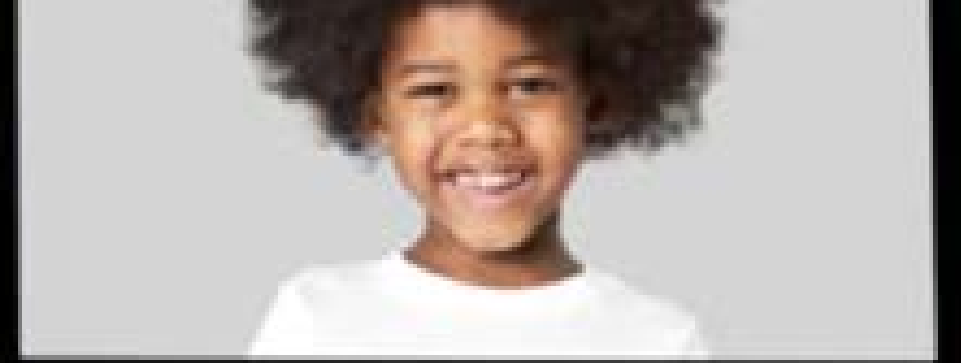


iMovie

iMovie







# 4. REDEFINITION



How Students can play constructive role

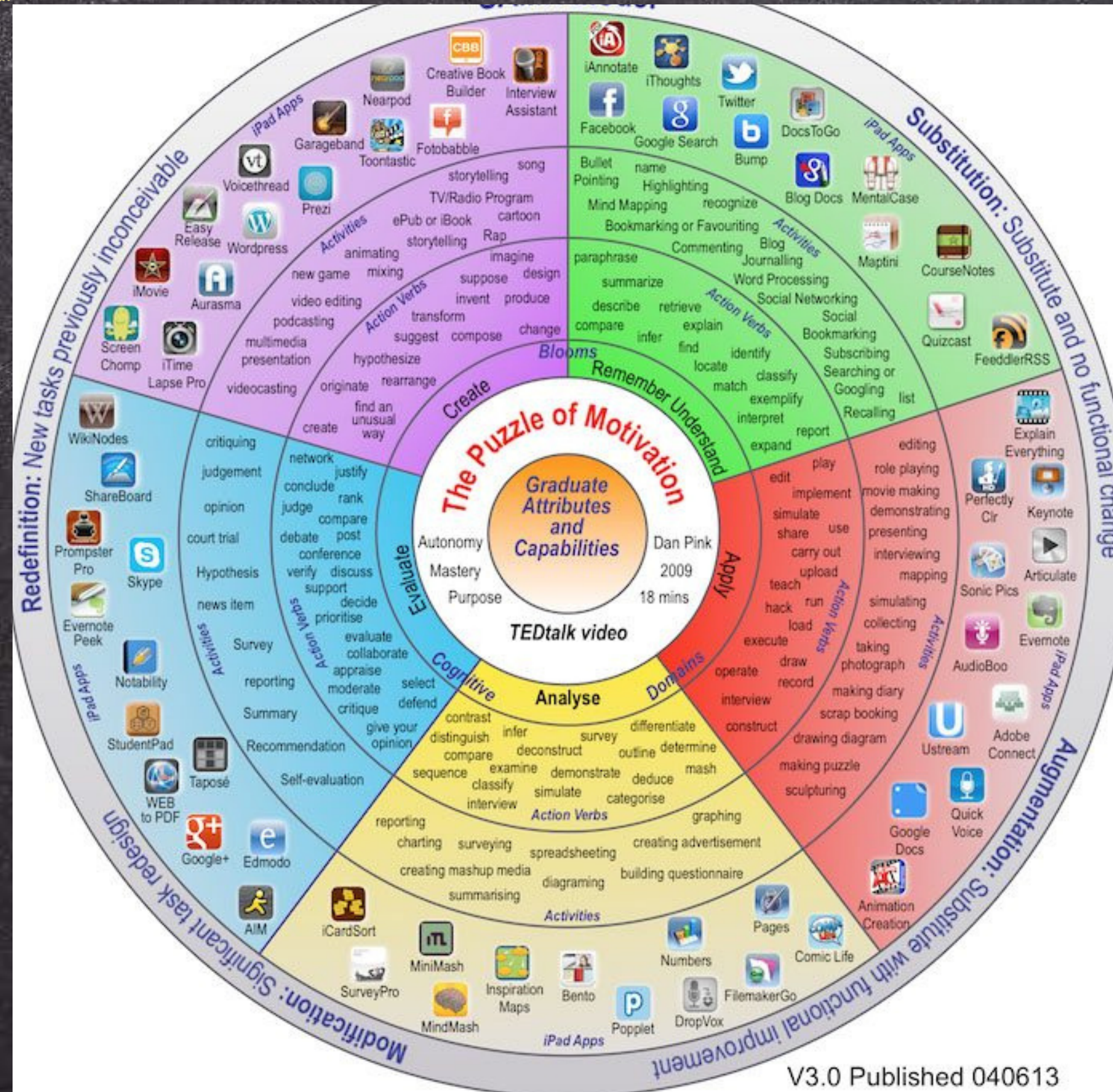
**Instagram (@edconnect.pk)**

Instagram photos and videos

 [instagram.com](https://www.instagram.com/edconnect.pk)



# SAMR MODEL



Padagogy Wheel



# SUMMARY

- **Substitution - Good Project Lesson Plans in MS Word/PDF.**
- **Augmentation - PowerPoint Presentation.**
- **Modification - Professional Development Sessions/Community Gatherings.**
- **Redefinition - #virtualexchange Channel.**



# QUESTION ?

Q. How AI can be incorporated in our lesson plans to further enhance the educational experience?