



## What is MiniMax?

Mini: Minimum effort, resources, energy.

Max: Maximum student outcome tailored to individual learner styles and levels.



## On today's agenda,

### WE WILL DELVE INTO:

- 1 What is minimax?
- 2 What makes a great workstation?
- 3 What is minimax in workstations and how can it be implemented?
- 4 Questions.

## What is the right answer?

What is the concept of MINIMAX in differentiated instruction?

- A Maximizing student outcomes by applying uniform teaching methods across all learners.
- B Achieving optimal learning outcomes with minimal effort by customizing objectives for each student.
- C Minimizing the use of resources to provide basic education without considering individual learner needs.

## What are your thoughts?

BIGGEST STUMBLING BLOCK TO EFFECTIVE MIXED ABILITY TEACHING WOULD SEEM TO BE TEACHER ATTITUDE. TEACHERS LACK THE KNOWLEDGE OF STRATEGIES TO USE IN THE CLASSROOM FOR A WIDE RANGE OF ABILITY.

TEACHING MIXED ABILITY CLASSES.  
SUSAN BREMMER, 2008



I don't agree

It's true.

maybe .

## THE CORRECT ANSWER IS;

B) Achieving optimal learning outcomes with minimal effort by customizing objectives for each student.

## What are workstations?

NEW VOICES

Workstations or task stations are clearly designated areas where students can engage in specific learning activities.

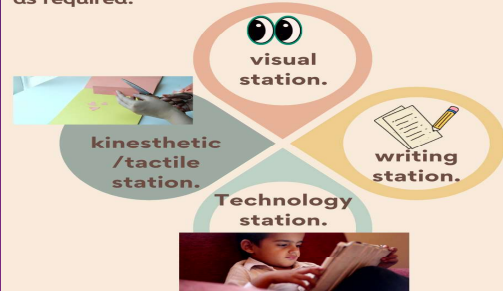
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## How does it look like?

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### ROTATIONAL MODEL

The workstations can be arranged in different layouts to suit class needs, accommodating 2, 3, or 4 workstations as required.



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## Traits of a good workstation

NEW VOICES



## What it would look like.....

NEW VOICES

The schedule includes 2 days for whole class activities and 3 days dedicated to workstations.

Each workstation session lasts for 10 minutes, after which the groups will switch.



## Whole class....

NEW VOICES



## VISUAL STATION

NEW VOICES

### 1. Number Puzzle Matching

Prepare a set of number cards (1-10) and corresponding picture cards (e.g., five apples for the number 5).

Students will match the number to the correct picture.

This helps them visually connect numbers with quantities

### 2. Number-peek-a-boo

Flashcards displaying numbers (1-10), a small cloth or paper to conceal the flashcards. Gradually uncover a small section of the number while prompting them to guess what it is.

## What it would look like.....

NEW VOICES



## VISUAL STATION

NEW VOICES



## Tactile station.

NEW VOICES

### Playdough Numbers

Students use playdough to form numbers (1-10) and create small balls or shapes to match each number. For example, they make the number 3 out of playdough and then roll three small balls to place next to it.

### Counting Beads

Provide students with string and beads. They will thread the correct number of beads (1-10) onto the string, matching it to the number on a card. This helps reinforce counting and fine motor skills.

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## Writing station

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### Trace and Write

Give students worksheets with numbers (1-10) that have dotted lines. They will trace the numbers with a pencil or crayon, then try writing them independently on the provided lines below.

### Number Coloring

Provide coloring sheets where each section of a picture is labeled with a number (1-10). Students must color each section using a corresponding key (e.g., color number 1 sections red)

**NB; Make sure to differentiate the worksheets**



## What it would look like...

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## Technology station

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VOICES

### •Interactive Counting Game

Set up a tablet or computer with an interactive counting game (e.g., students drag objects to match a number shown on the screen). Apps like "Endless Numbers" or "Counting Caterpillar" are great for this age group.

### •Number Hunt

Use a simple number recognition app or software where students can "hunt" for numbers in a digital scene (e.g., a jungle or a city) by clicking on them. This can also include counting objects on the screen and matching them to the correct number.

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CALL TO ACTION.

***TAILOR YOUR TEACHING, BOOST  
THEIR LEARNING—ADOPT MINIMAX  
TODAY!***

## Technology station

NEW  
VOICES



ALL STATIONS.

NEW  
VOICES



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