

# GMMDC

Govan Mbeki Mathematics  
Development Centre  
*empowering young minds*

NELSON MANDELA  
UNIVERSITY

## Impact of the 2021 Engagement projects: Gr 12 ISP & ReMatric Programmes



Change the World



# Nelson Mandela Bay Gr 12 Learner Incubation 2021

## Mathematics (9 Distinctions)

### Top 3 Improvements in 2021

Percentage	From	To
26%	46%	72%
17%	56%	73%
14%	42%	56%

**Maths Average – 63%**  
**Science Average 60%**

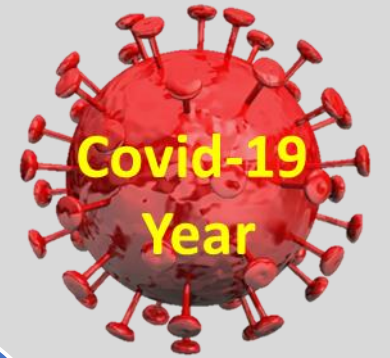
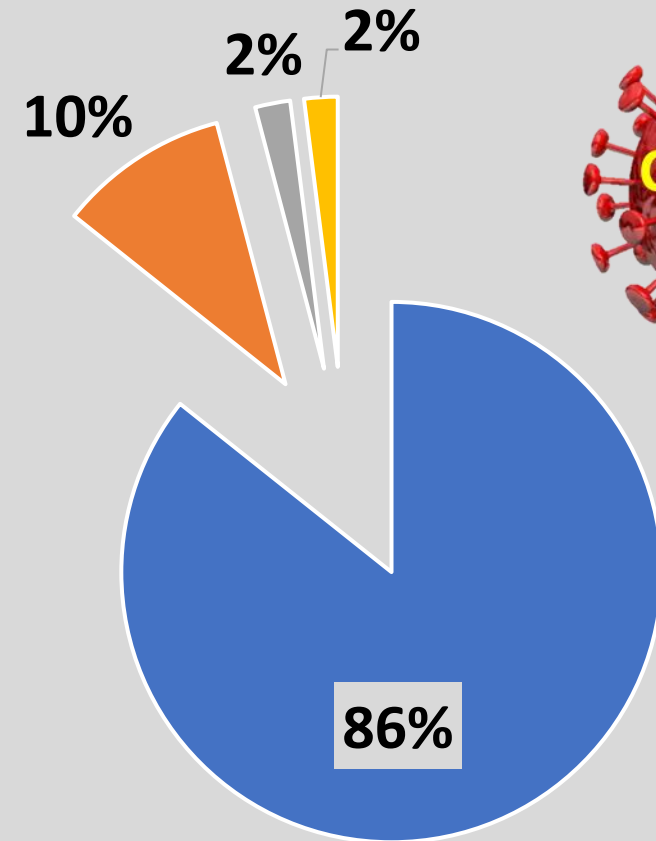
## Physical Sciences (6 Distinctions)

### Top 3 Improvements in 2021

Percentage	From	To
45%	40%	85%
25%	65%	90%
13%	77%	90%

## NMB ISP Group Matric Pass Profile 2021

### Group of 49 Learners



- B = Bachelors
- D = Diploma
- HC = Higher Certificate
- F = Fail

# Mthatha Gr 12 Learner Incubation 2021

## Mthatha ISP Group Matric Pass Profile 2021

### Mathematics (9 Distinctions)

#### Top 3 Improvements in 2021

Percentage	From	To
37%	62%	99%
29%	32%	61%
12%	33%	45%

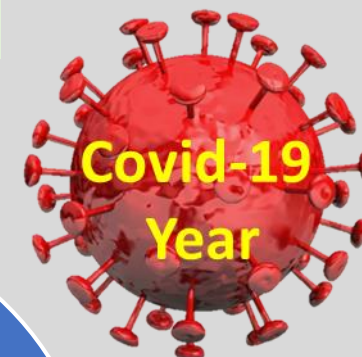
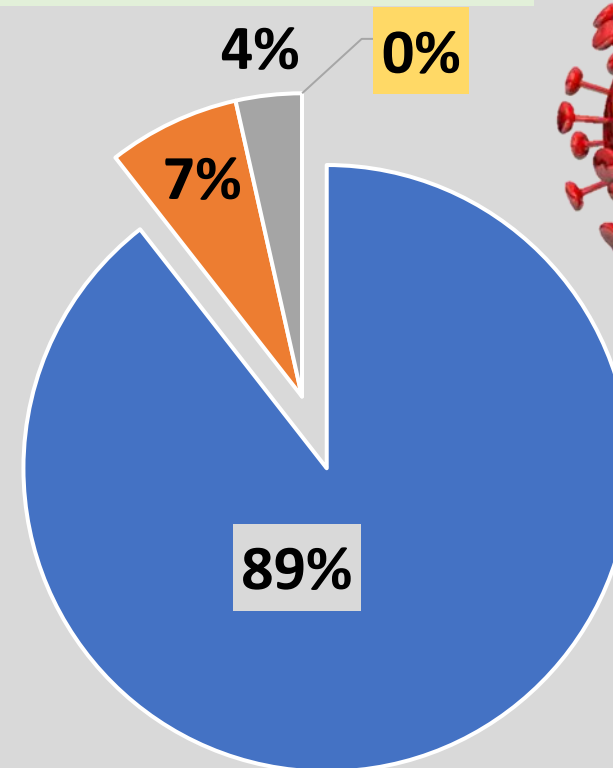
**Maths Average – 73%**  
**Science Average 70%**

### Physical Sciences (6 Distinctions)

#### Top 3 Improvements in 2021

Percentage	From	To
25%	62%	87%
21%	78%	99%
21%	32%	53%

### Group of 27 Learners



- B = Bachelors
- D = Diploma
- HC = Higher Certificate
- F = Fail



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Tablet or



Offline App for  
CAPS Support with  
Interactive



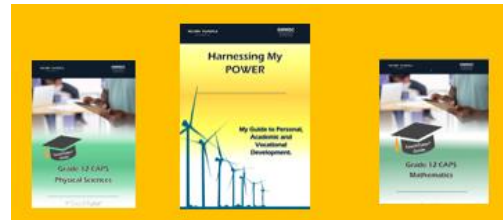
Techno-Blended  
Teaching & Support  
Platforms



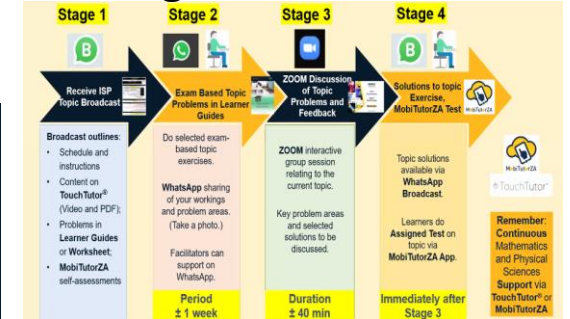
Anytime-Anywhere  
Support via Mobile  
Phone App



Guides for Self-Directed  
Learning:  
CAPS Content & Soft Skills



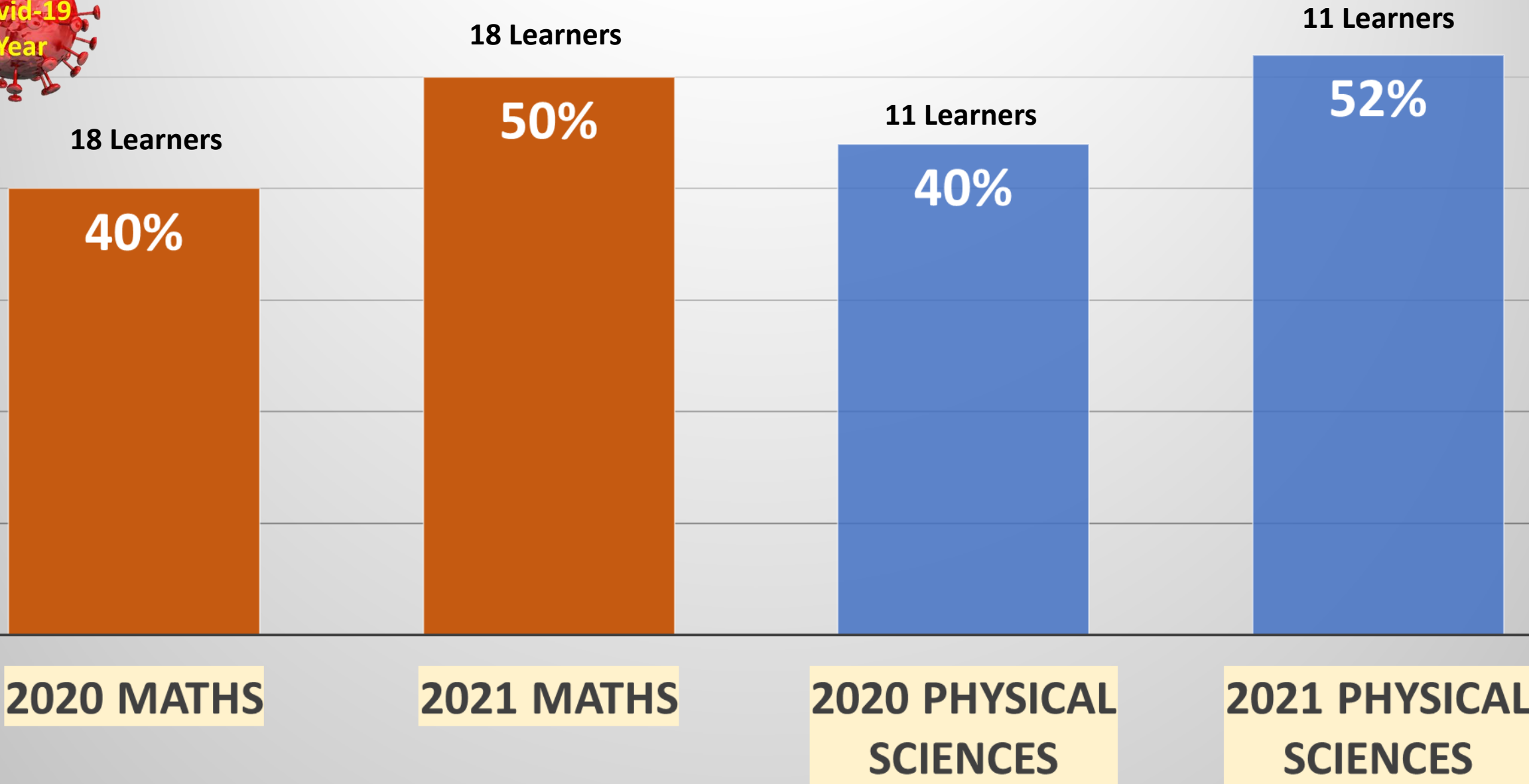
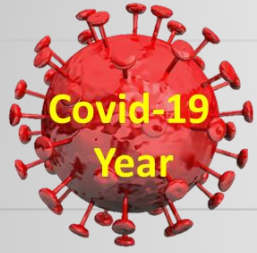
4-Stage Remote Model



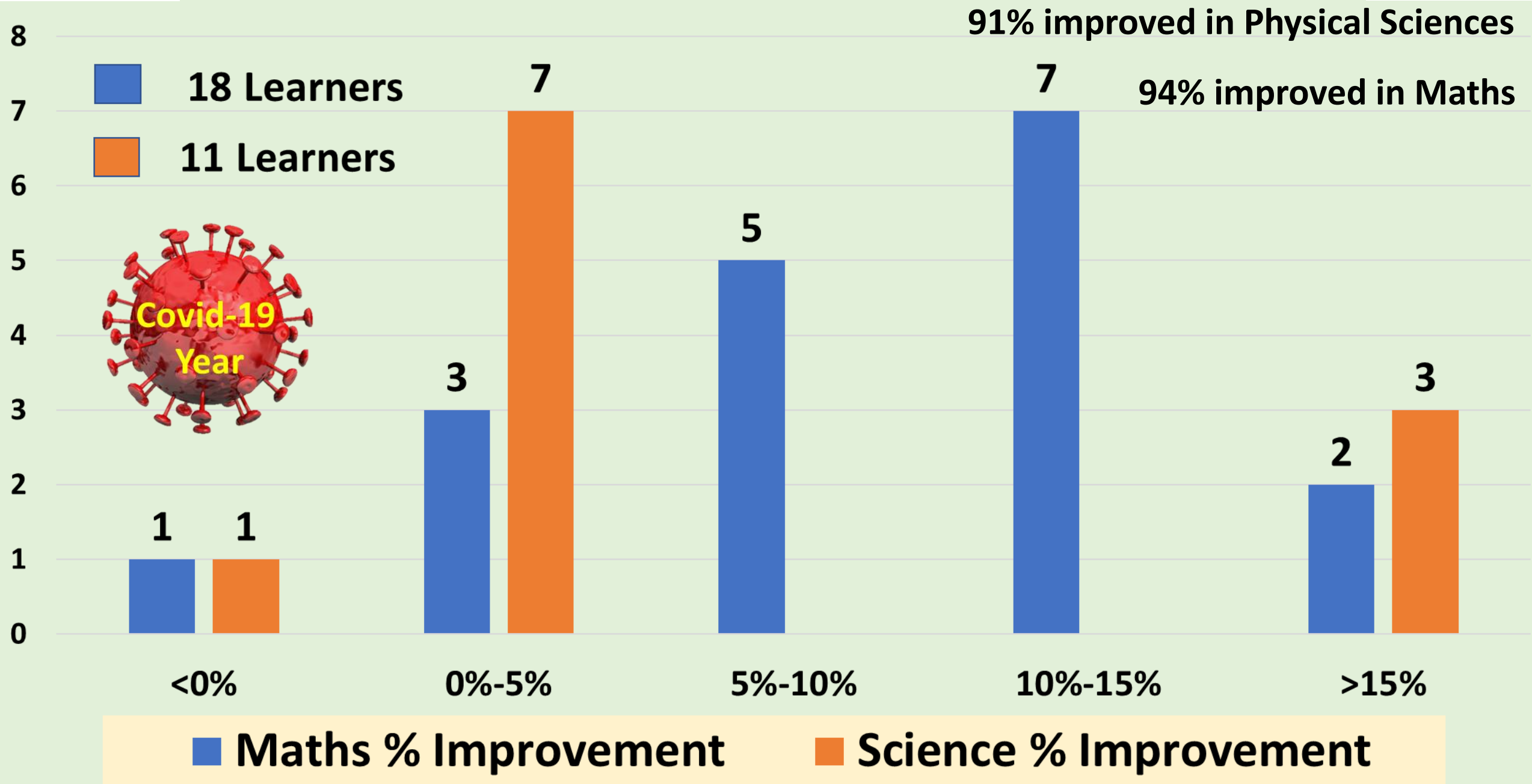
Structured Face-Face  
Reflection & Support Sessions

**ISUZU**  
*with you, for the long run*

# Re-Matric Maths & Physical Sciences Pilot in 2021



# 2021 Re-Matric Group NMB - Profile of % Improvement



## Top Five Maths & Physical Sciences Improvements of the 2021 NMB Re-Matric Project

	5	4	3	2	1
Maths	<p>14%</p> <p>(41%-51%)</p>	<p>14%</p> <p>(42%-56%)</p>	<p>14%</p> <p>(45%-59%)</p>	<p>16%</p> <p>(36%-52%)</p>	<p>19%</p> <p>(33%-52%)</p>
Physical Sciences	<p>7%</p> <p>(38%-45%)</p>	<p>8%</p> <p>(38%-46%)</p>	<p>16%</p> <p>(45%-61%)</p>	<p>17%</p> <p>(45%-62%)</p>	<p>23%</p> <p>(27%-50%)</p>