



Post COVID-19 Learning Recovery on Young Children

: Case Studies from EEF Thailand

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Effects of Covid-19 on Children

COVID-19 will have strong negative impact on students particularly the poor and the most vulnerable ones.



Effect from not being able to be in classrooms
(Learning Loss)



Effect on Lack of Food
(Nutrition & Health Impact)



Effects on Family Finances/Job Losses
(Economic Impact)

Nutrition & Health Impact

สู้วิกฤต
ในน้องอ้อม



In April-May 2000
EEF had campaigned to bring food
to communities/schools during
COVID19 school closure

A Study of “Learning Loss” in Thailand under the EEF’s School Readiness Program



Study of Learning Loss of Preprimary School Children in 25 provinces by RIPED (UTCC) under the EEF School Readiness Program. During the 4 months of childcare lockdown in 2020.

This study shows the learning loss of kindergarten students during the 4 months of school lockdown from Jan 2020.

language

decline **0.39** Years

Mathematics

decline **0.32** Years

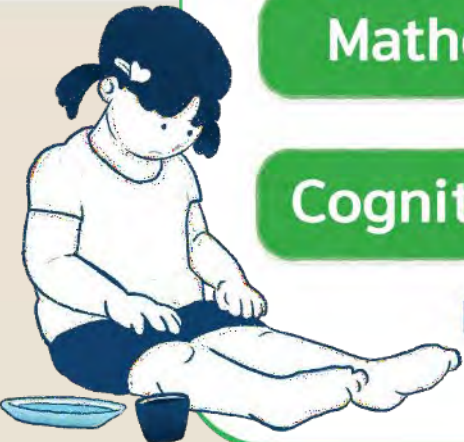
Cognitive skills

decline **0.38** Years

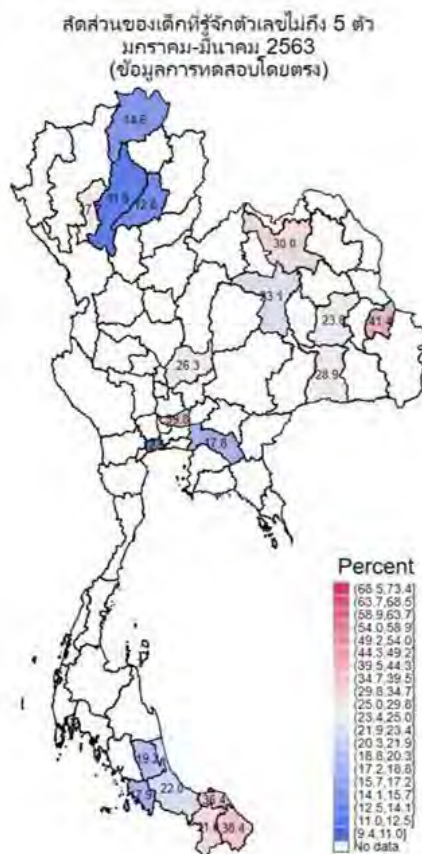
Including Language & Numerical Skills

The school lockdown could affect the learning of students and exacerbate the potential return to school of students who are at-risk of being OOSC.

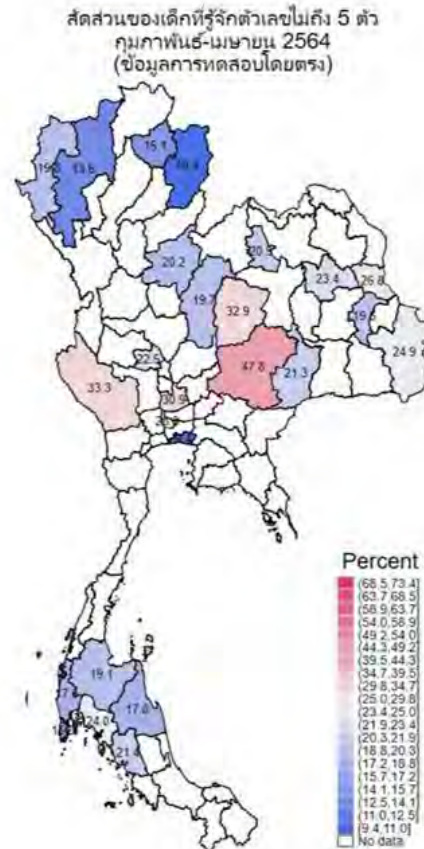
The kindergarteners are more likely than other groups to leave schools/daycare as a result of the COVID-19



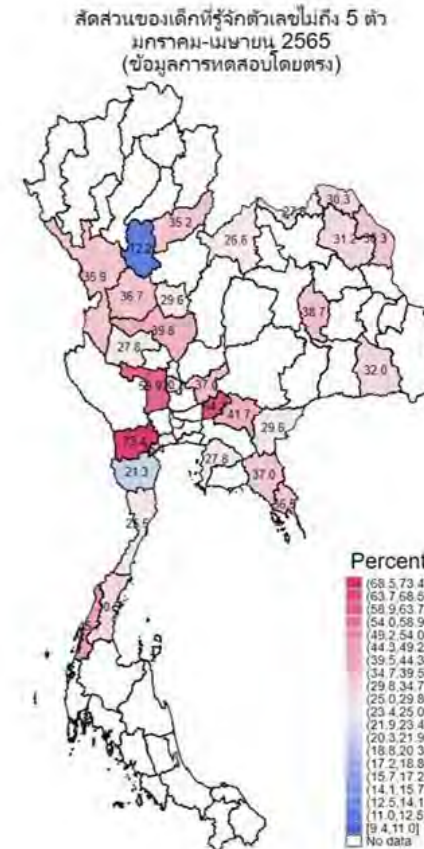
School Readiness Program: Unsatisfactory learning outcomes in kindergarteners : **on knowing numbers**



1st round in 2020
(before COVID-19)



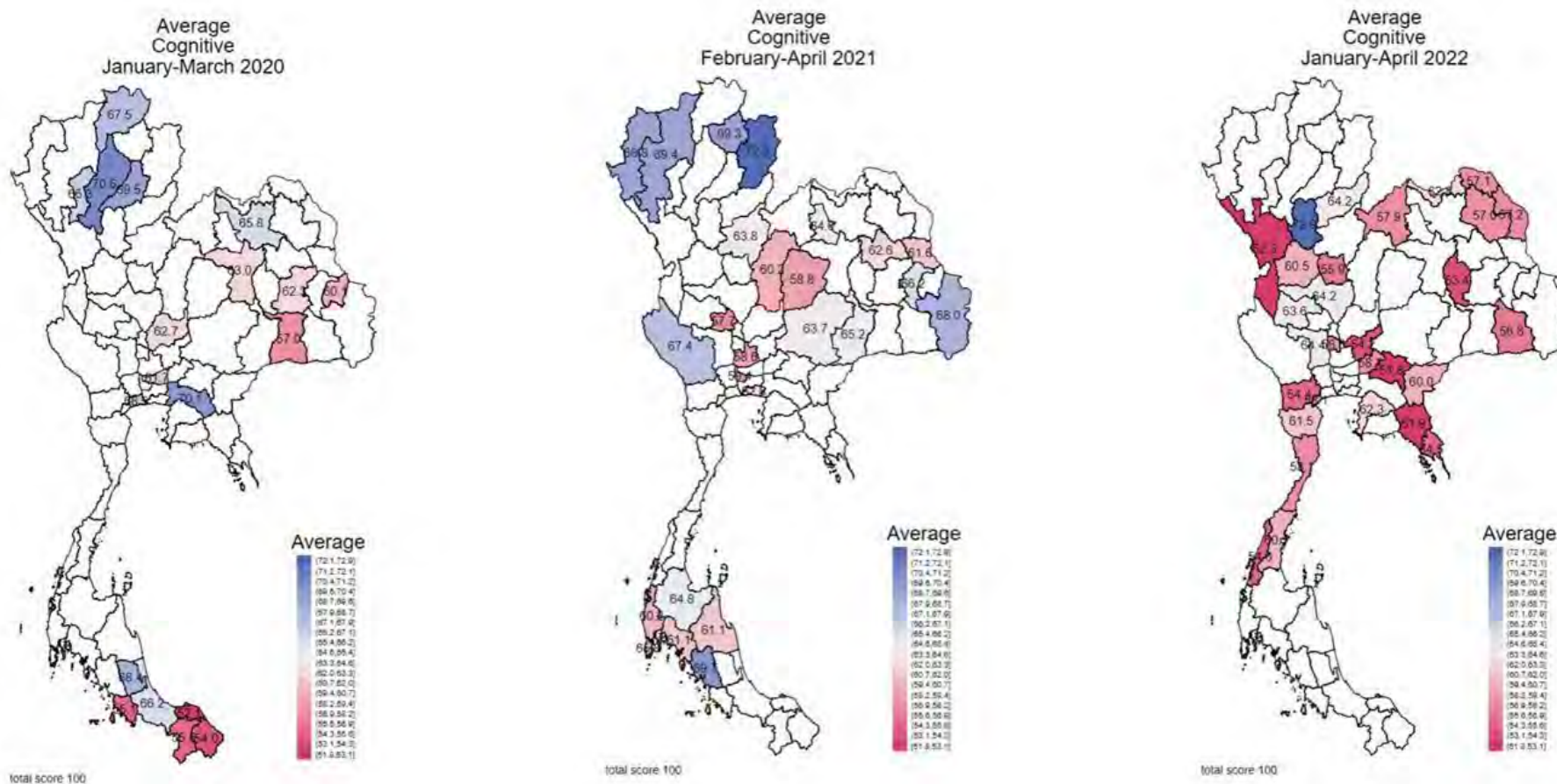
2nd round in 2021
(during COVID-19)



3rd round in 2022
(Most severe results)

After COVID-19: More kids do not know the numbers (1-10)

School Readiness Program: Unsatisfactory learning outcomes in kindergarteners : **on Cognitive Skills**



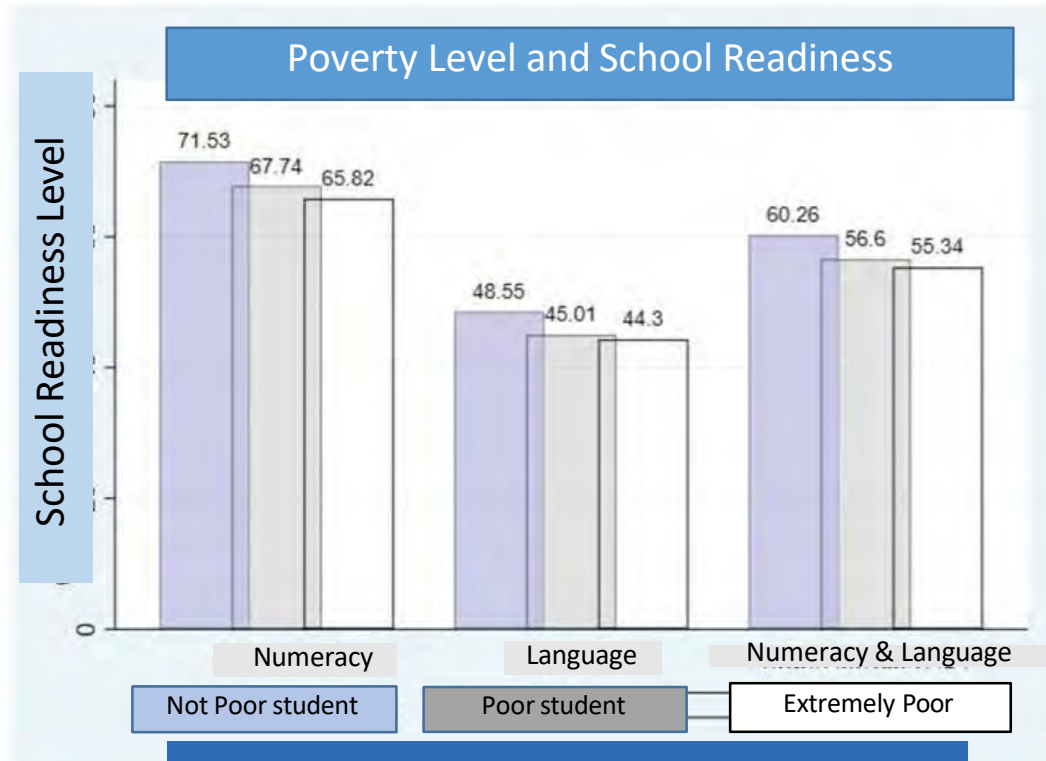
**1st round in 2020
(before COVID-19)**

**2nd round in 2021
(during COVID-19)**

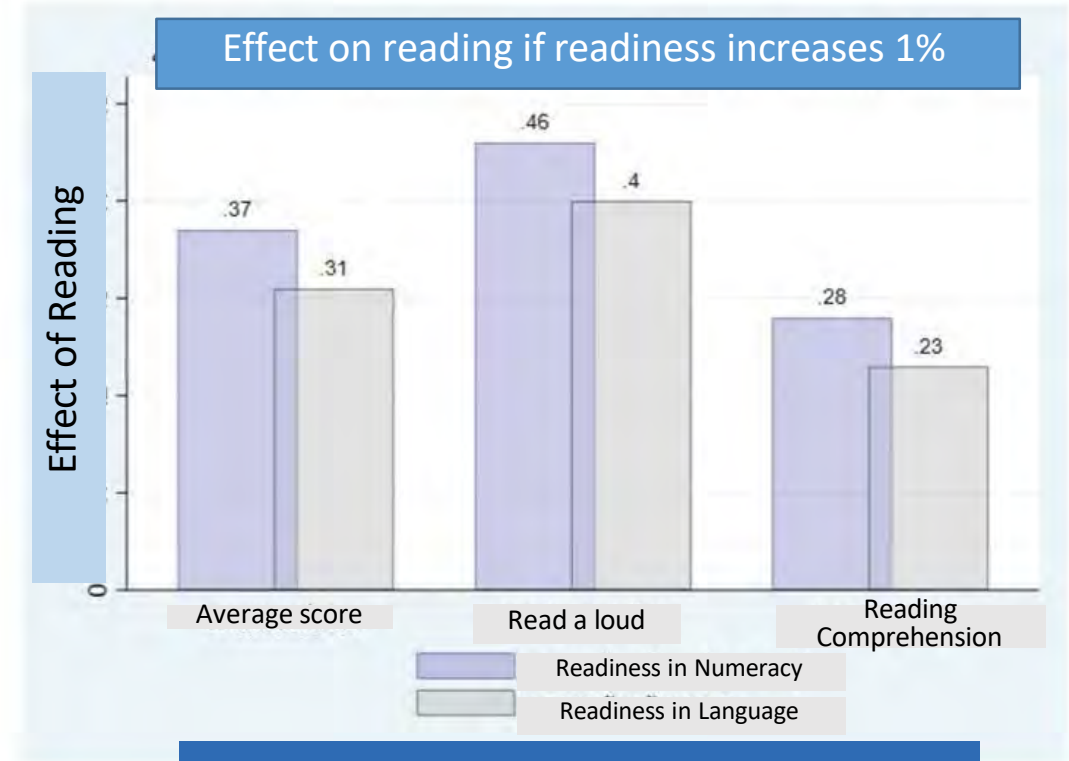
**3rd round in 2022
(Most severe results)**

Children showing declining cognitive skills during COVID-19

Poverty level correlates with Cognitive Skills/Learning Loss



SES and Cognitive skills

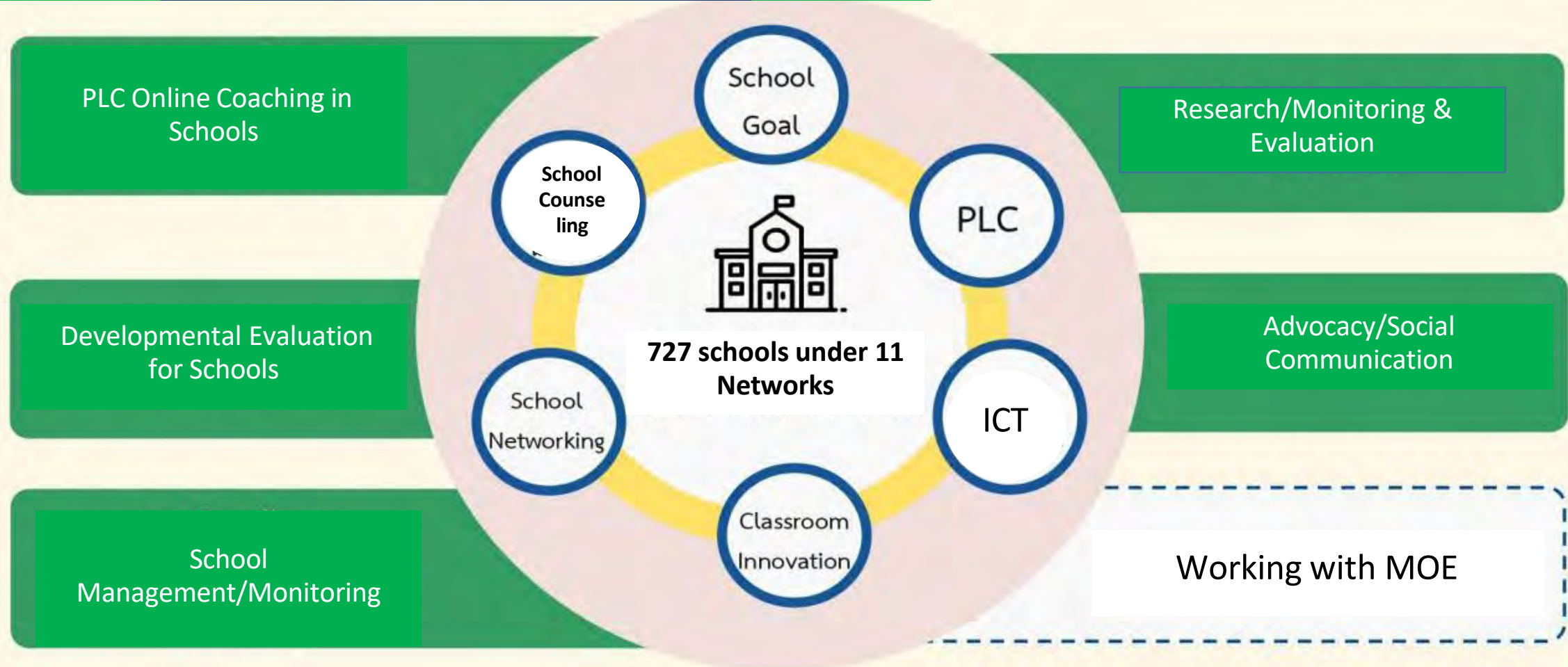


School Readiness level & Learning Outcomes

- Poor children have lower level of school readiness in math/language
- Readiness level in Early Childhood relates to future learning outcomes when they are in school
- Parental care relates to learning outcomes of young children

EEF's Teachers and Schools Quality Program-TSQP

727 Schools & 11 Networks



Improving Physical/Learning Outcomes of Young Students Project



74 Schools

(60 OBEC schools+14 Private Schools)

EEF-TSQP network under supervision of Prince of Songkla University (PSU)





ชวนผู้ใหญ่สังเกต 10 สัญญาณ

กล่อมเนื้อบกร่อง ของเด็กประถมต้น



1 ไม่สามารถนั่งตัวตรง
เรียนอย่างต่อเนื่องได้



2 ลุกจากเก้าอี้
และเดินในห้องบ่อยๆ
(ไม่มีเป้าหมายว่าจะไปทำอะไร)



3 ขออนุญาต
ไปห้องน้ำบ่อย
และไปครั้งละนานๆ



4 ไม่มั่นใจ
ในการทำกิจกรรม
และไม่โต้ตอบ



5 ตอบเป็นคำๆ
หรือประโยคสั้นๆ
เล่าเป็นเรื่องไม่ได้



6 ลงบันไดทีละขั้น
ต้องจับราวบันได 2 มือ



7 หยิบ จับ ไม่คล่อง
ทำของตกบ่อย



8 เมื่อต้องแยกกลุ่มเด็กเพื่อฝึก
ให้อ่านและเขียนอย่างเข้มข้น...
เด็กจะไม่จำและทำเองไม่ได้



9 หลายคนขาดเรียนบ่อย
ป่วยบ่อย



10 เขียนช้า เขียนงานไม่เสร็จ
ร้องไม่ยอมมาโรงเรียน

Situations of Young children as a result of COVID19 school closure:

- ..could not sit straight during the classroom hours
- ..fidgety, often walk out of classroom for toilet.
- ..no confidence, no responses to teachers..
- ..communicate in short sentences, cannot form coherent stories
- ..have difficulty walking up/down the stairs.
- ..have problems holding things with hands/showing weak muscles
- ..low proficiency level in reading/writing
- ...miss school often/sick leave often
- .. finishing homework/writing assignment slowly or not on time
- ...express frustration/crying when they come to school

Students (2nd graders) who had not attended schools for 2 years : School visit: 13 June – 31 August 2022

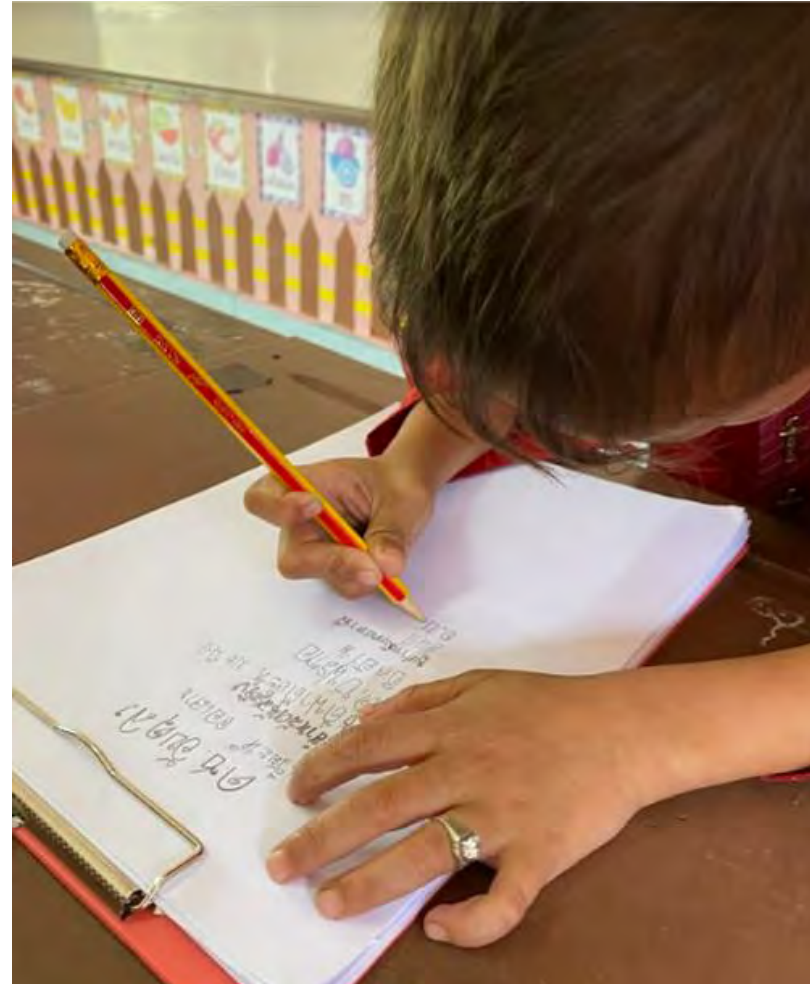
how young students incorrectly hold the pencils



Video : <https://drive.google.com/file/d/1WoeFv-aHldaHrrPYAvSvAuRMkQAVteK7/view?usp=sharing>

2nd Graders who didn't attend schools for 2-3 years

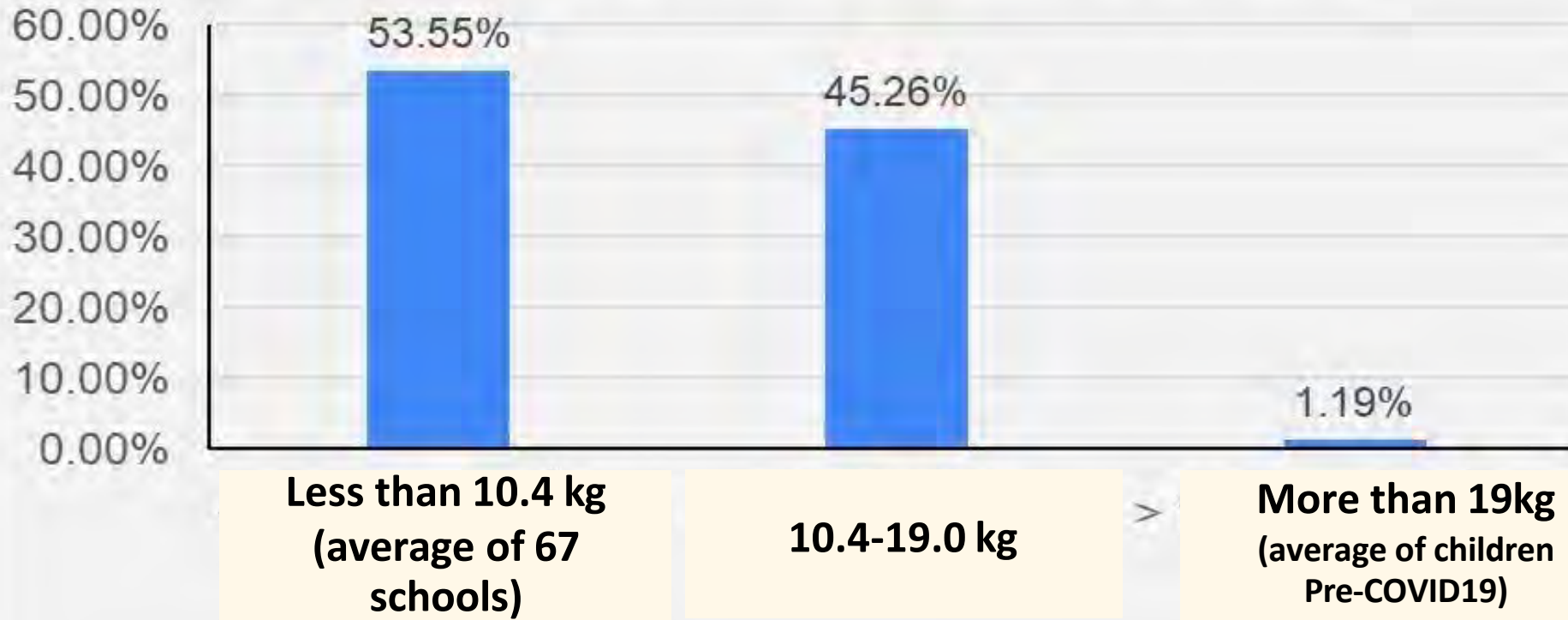
We observe their incorrect writing and sitting postures in classroom



Measuring the strength of Young children's muscles



Percentage of 2nd graders (of out 1,918) and their muscle strength



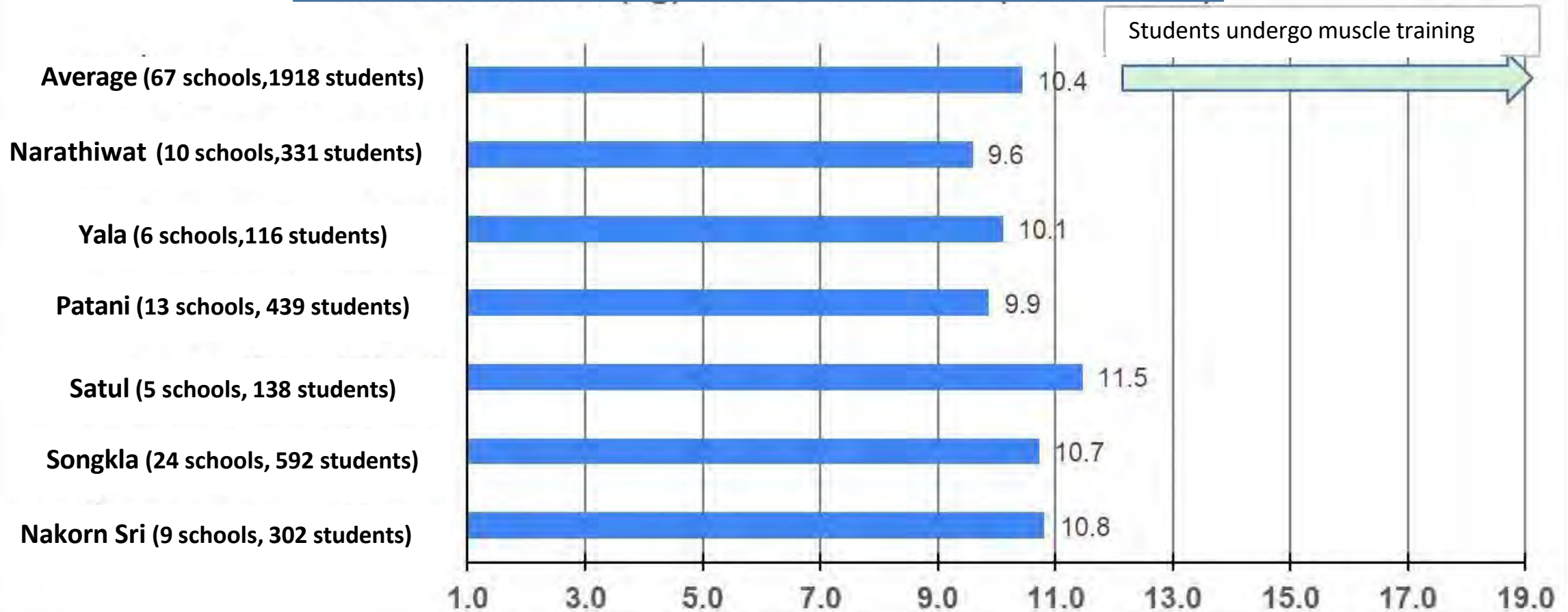
- More than 98% of 2nd grade students in the survey have below average muscle strength compared to normal group of students pre-COVID19
- More than 53% of students in low SES schools have lower level of muscle strength compared with the average level

Muscle strength by Province

(6 Southern provinces/67 Schools)



Muscle Strength of Average of 2nd Graders (in July 2022)



Children could not write well. They also show incorrect posture, exhaustion and fatigue.



Video: <https://drive.google.com/file/d/1WoeFv-aHIdaHrrPYAvSvAuRMkQAVteK7/view?usp=sharing>

Recovery: starting from physical or muscle improvement



Rope Jumping (56 out of 73 children could not do it at first try)

https://drive.google.com/file/d/12xGVWUTOeN6AP7Aa5SmPqdw_XbUh-Qg-/view?usp=sharing

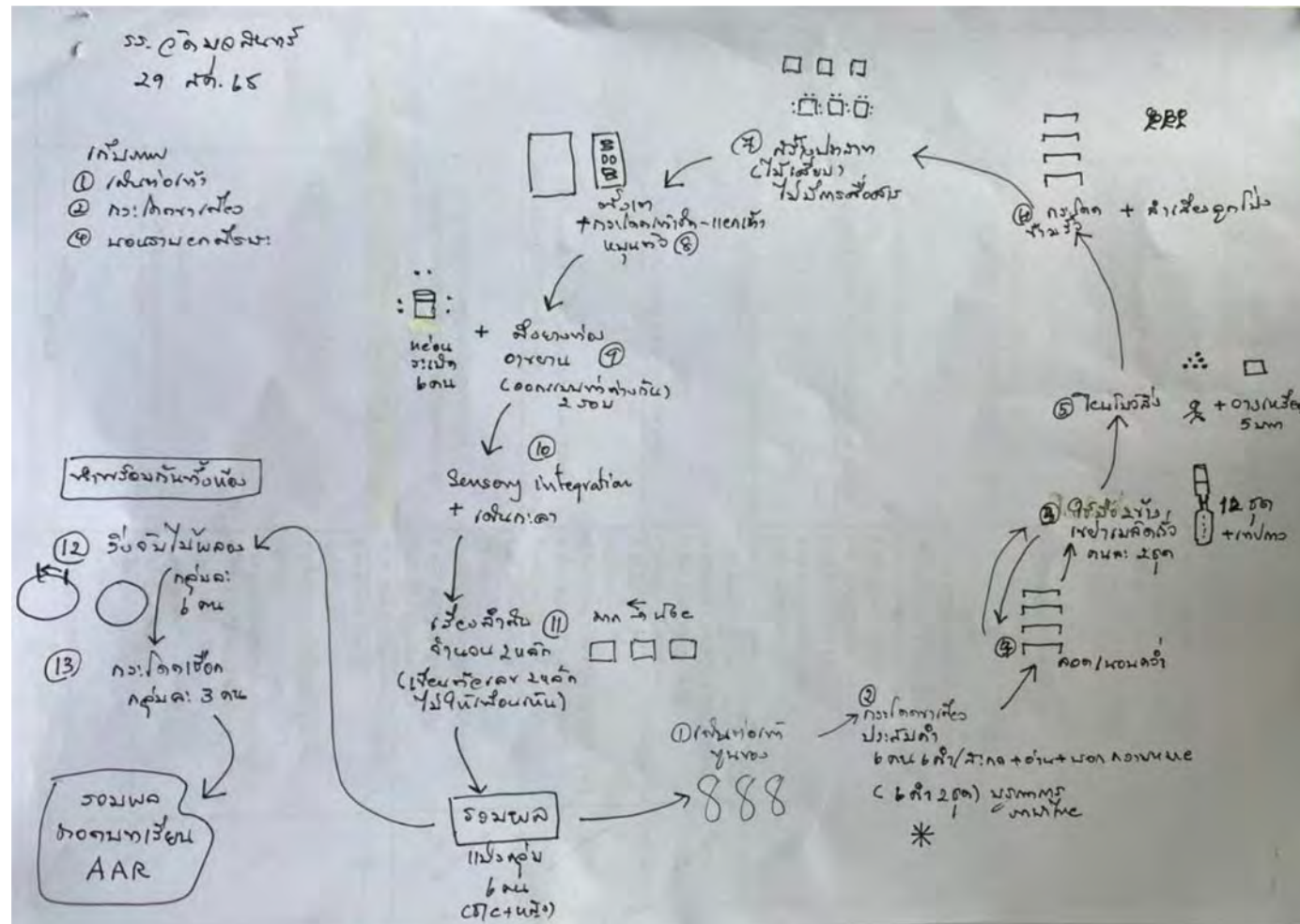


Physical/body improvement by Kindergarten PE standard




Activities to develop small/large muscles/bones/joints of young students.

1. Short-step walking practice
2. Jumping: One leg, with fences, jumping with different postures
3. Lying on the back for Neck/head/shoulder development
4. Balanced Walking
5. Crouching via tunnel practice
6. Pulling up for joint development




Two weeks of activities to develop bodies/ muscles of young children.




 กระโดดเชือก.MP4




 กระโดดบูรณาการ.mp4



 กระโดดสลับขา.mp4




 กระโดดตามรอยเท้า.MP4




 เขย่าววด.mp4




 ดึงยาง.mp4



 เดินกะลา.mp4



 เดินต่อเท้า ทรงตัว.mp4

- Small muscle development,
- Practice hand-eye coordination



https://youtube.com/watch?v=T9H_yu0Me8c&feature=share

Young children practice
how to correctly holding
the pencil by
pediatrician/teachers

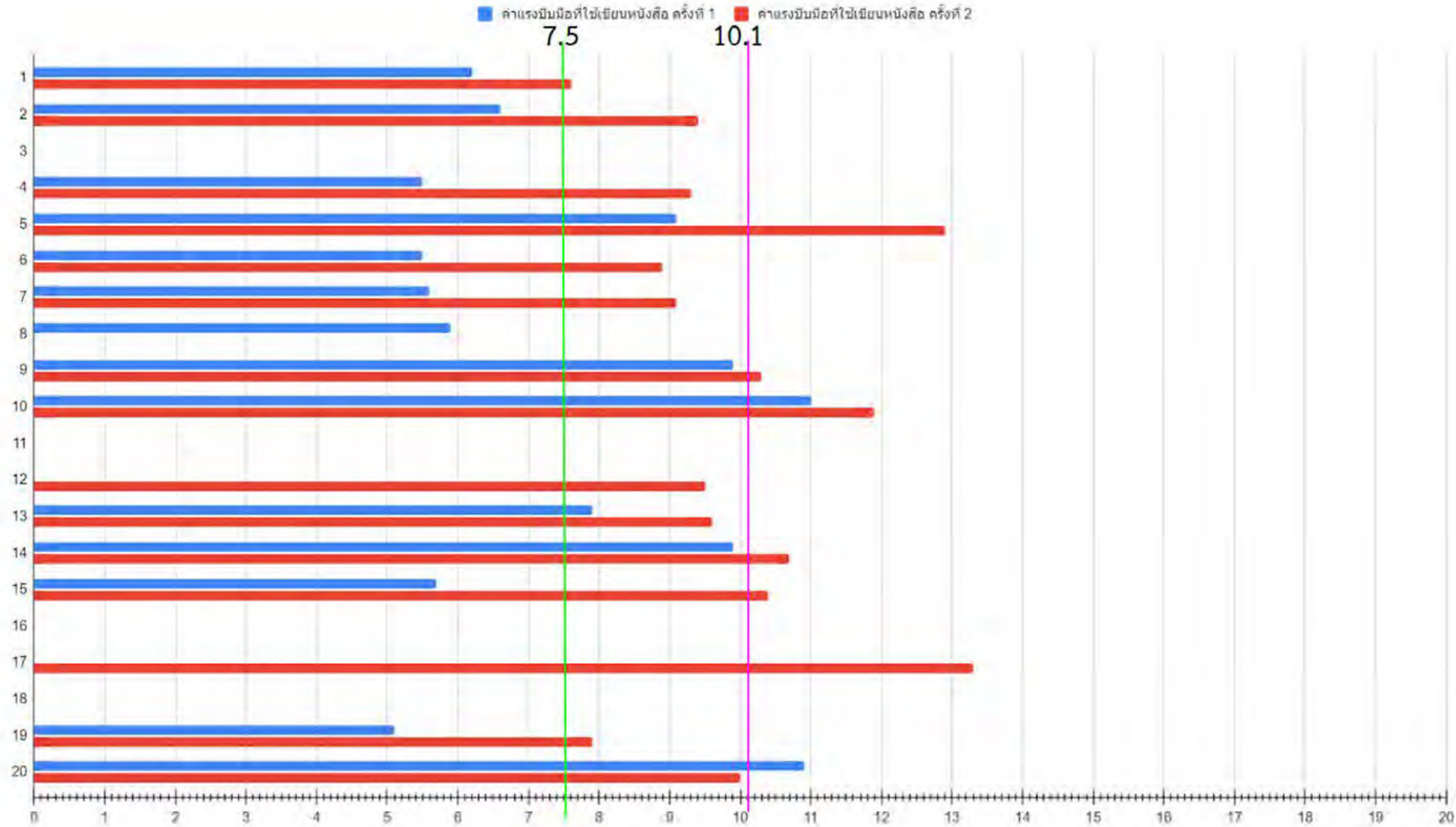


วิธีฝึกการจับดินสอ เพื่อพัฒนาการเขียน แบบง่ายๆ

<https://youtu.be/cOpNSE3zK3w>



Positive results after 2 weeks of practice. Students show stronger hand muscles





THANK YOU VERY MUCH

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with opportunity of education.

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