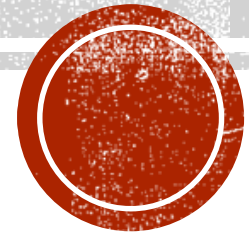




CHONGZHENG PRIMARY SCHOOL

**P1 ORIENTATION:
CLASSROOM APPROACHES
IN THE LEARNING OF
P1 MATHEMATICS**

22 November 2021





CZPS MATHEMATICS FOR P1 & P2



- Laying a **strong foundation** of Mathematics at P1 & P2
- Emphasising of **Concrete-Pictorial-Abstract** approach (CPA)
- Inculcating **joy of learning** in every day learning of mathematics

Focus on Activity-based learning





CZPS MATHEMATICS FOR P1 & P2



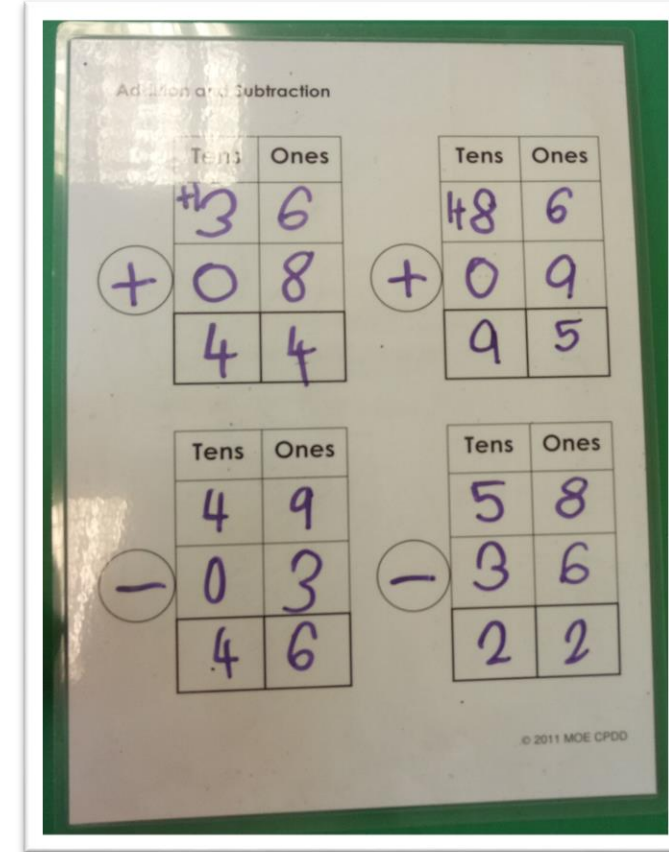
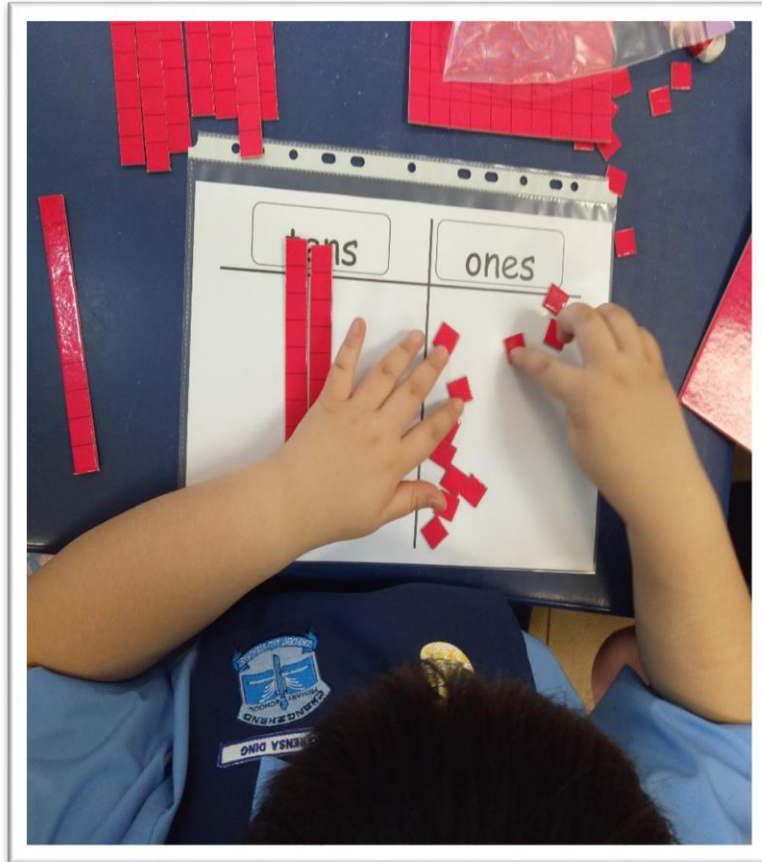
Topics covered

- Whole Numbers
- Fractions
- Money
- Measurement (Length/Mass/Time/Shapes)
- Data Analysis (Picture Graphs)





P1 & P2 C-P-A APPROACH



Using concrete or pictorial representations in place value charts

Vertical algorithmic representation in abstract form





MATHEMATICAL COMMUNICATION & REASONING VIA DRAWING & WRITING



My Maths JOURNAL

1A Unit 5
Numbers Showing Positions

Complete the picture to show your family.

Where are you in the picture?
Use some of these words to help you.

sixth third second first left
fifth fourth right between

I am first from the right.
I am last from the left.

My Maths JOURNAL

1B Unit 3
Multiplication

Your best friend is absent from school.
How will you teach your friend to multiply 7 and 4?
You may draw or use these words to help you.

group	each	multiply	altogether
GET $7 \times 4 = 28$	GET $4 \times 7 = 28$		

My Maths JOURNAL

1A Unit 1
Numbers 0 to 10

In a land far, far away, there lives a monster with 1 mouth, 8 sharp teeth, 3 eyes and 6 legs!

Draw the monster.
Then colour it.

Students' work from workbook demonstrating their understanding in drawings and words





MATHEMATICAL COMMUNICATION & REASONING VIA PRESENTATION





CLASS-BASED ASSESSMENT



- All assessments will be non-weighted
- Assessment will be based on daily class tasks, class work and topical reviews.





PARENTS' SUPPORT



- **Support from parents at home**
 - ✓ **Checking on child's handbook for daily work**
 - ✓ **Having a daily timetable for child to complete homework**
 - ✓ **Ensuring that child is neat in his/ her work**
 - ✓ **Ensuring that work is submitted on time**
 - ✓ **Praise on effort, not intelligence**





STIMULATING INTEREST IN MATHEMATICS AT HOME



- **Daily activities e.g. shopping, in the kitchen, supermarket → Math in real life**
- **Develop their ability to observe things around them e.g. shapes, speed**
- **Let them have time to play using hands-on toys**
- **Allow children to make mistakes → If I make a mistake, what should I do next to rectify it?**

