

The background of the slide is a photograph of the Xingnan Primary School building. The building is a multi-story structure with a prominent glass facade on the upper levels. The name 'Xingnan Primary School' is visible on the building's facade in both English and Chinese characters. The overall scene is brightly lit, suggesting a sunny day.

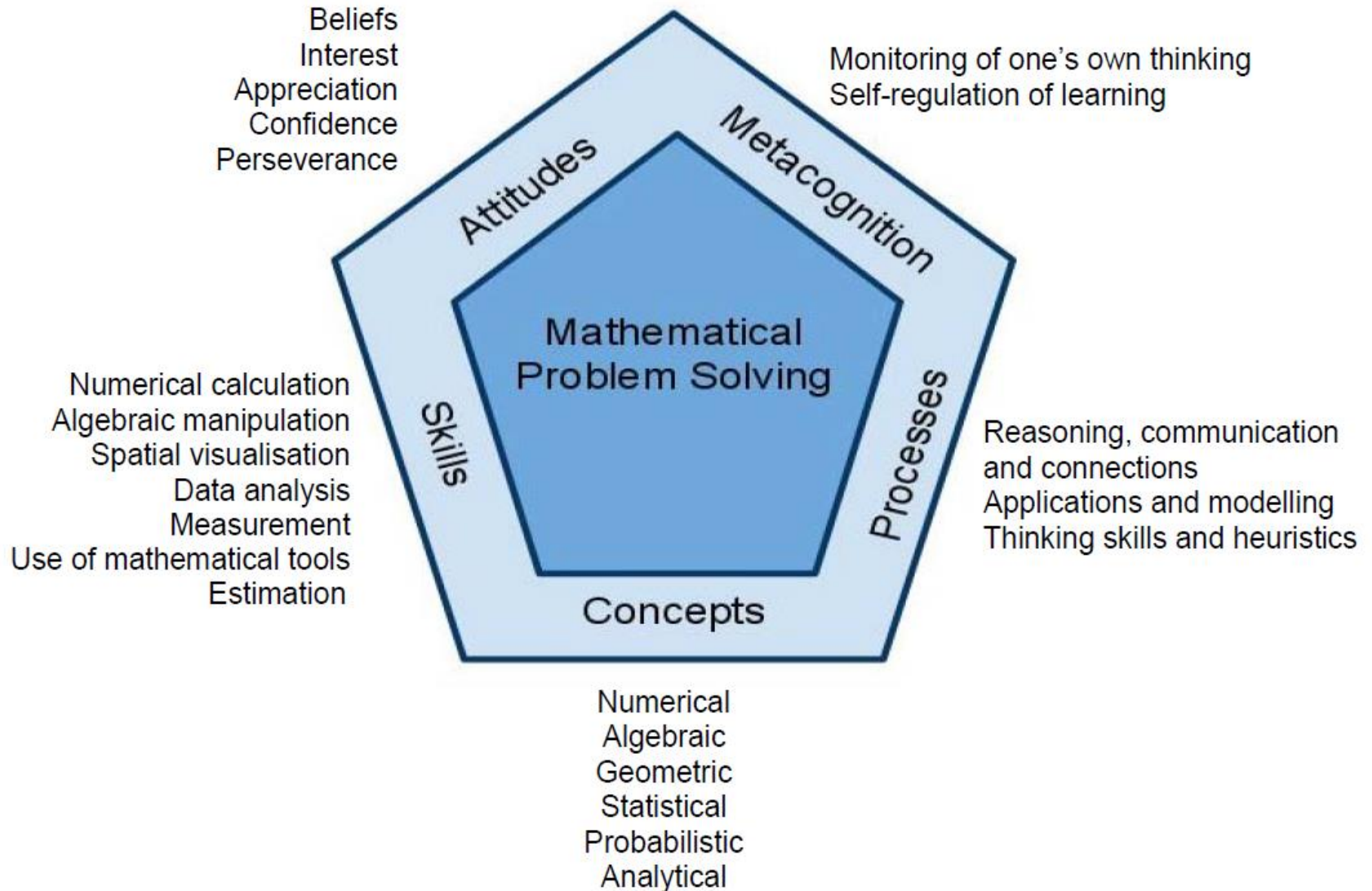
**Welcome to
Xingnan Primary School**

**P1 Parents'
Engagement Session
Mathematics**

Agenda

- **The Mathematical Framework**
- **Mathematics Department Vision and Mission**
- **Teaching and Learning of Mathematics**
- **P1 Assessment Plans**
- **P1 Math Programmes**
- **What can parents do to support your child in the learning of Mathematics?**

The Mathematical Framework



Vision

- Every child is confident and creative* at solving problems

Mission

- To teach mathematical concepts, skills and processes through fun and exploration so as to develop pupils'
 - Mathematical thinking and problem-solving skills
 - Appreciation of Mathematics as a tool in daily living

Teaching and Learning of Mathematics

Three phases of learning:

- **Readiness**

- Pupils' Prior knowledge, motivating context and learning environment

- **Engagement**

- Teacher uses a repertoire of pedagogies

- **Mastery**

- Teachers help pupils consolidate and extend their learning

Teaching and Learning Approaches

- **Concrete-Pictorial-Abstract (CPA) Approach**
 - to develop pupils' mathematical concepts and skills through the use of manipulatives
- Create opportunities for pupils to collaborate with their peers through group activities

Teaching and Learning Approaches

- **STAR Approach**

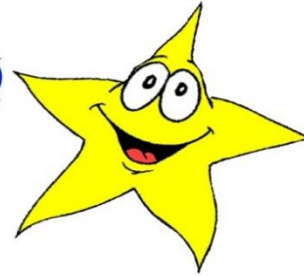
(Polyas' Problem Solving Model)

➤ to develop pupils' problem solving skills

STAR Approach to Problem Solving

Study the question (STOP)

- * Read the question carefully.
- * Highlight and circle key words.



Think about (THINK)

- * The strategies that you can use.
- * Similar problems that you have done before.



Act out your plan (GO)

- * Show all your workings clearly.
- * Work it out and solve the problem.



Reflect on your answer

- * Do the 5 checks (SPOT ON)

- Transfer error
- Workings accurate
- Correct units
- Reasonable answers
- Unused information



2018 P1 Assessment Plans

- **Non-weighted Assessments**

- Diagnostic assessments (Whole Numbers)
- Class Quiz (Term 1)
- Performance Tasks
- Math Journal

- **Weighted Assessments**

- Term Tests (Term 2 to Term 4)

Class Quiz (Term 1)

0%

Term 2 Test

20%

Term 3 Test

40%

Term 4 Test

40%

P1 Math Programmes

- **Play@Recess – Tangrams**
 - Pupils learn through play
 - Enhance pupils' visual and spatial skills
- **Modular CCA – Sudoku**
- **Post Exam Activities (Numero)**

Additional Programme

- ***Learning Support for Mathematics (LSM)***
 - An early intervention effort aimed at providing additional support to pupils who do not have foundational numeracy skills and knowledge to access the Primary 1 Maths curriculum.
 - Small class size
 - Additional resources

What Parents can do to support your child?

- Set daily routines at home
- Play games with your child.
E.g. chess, tangrams, puzzles
- Allow your child to work with money, tell time, and practice measuring objects for length, capacity, etc. Engage them in activities at home.
- Offer praise, and comments for work well done and encouragement to succeed

Thank you

Xingnan Primary School

星南小学