#### No Photography or Recording of the Session

GIVERS

Slides will be posted at our school's website. Thank you for your understanding and cooperation.

### P4 Parents Engagement Session

Saturday, 20<sup>th</sup> January 2024





### **Emergency Evacuation Procedure**



If the fire alarm is sounded in the school, please follow the procedures below:

- Listen for the announcement over the PA system.
- If there is a need for evacuation, follow the instructions given in the announcement.
- Exit the hall and follow the instructions from the staff. Walk briskly to the assembly area as instructed by the announcement.
- Wait for further instructions at the assembly area.





# Photography And Videography Publication Of Students' Work



- We would like to inform you that photographs/ videos of students/ parents taken at all school events by the official school photographers may be published on the school's official media platforms (e.g. newsletters & school website) and used for briefings, workshops and other educational purposes.
- The school may publish photographs, videos and students' work/ achievements together with the names of the students from time to time.
- Please notify the school in writing if you do not wish to grant such permission.





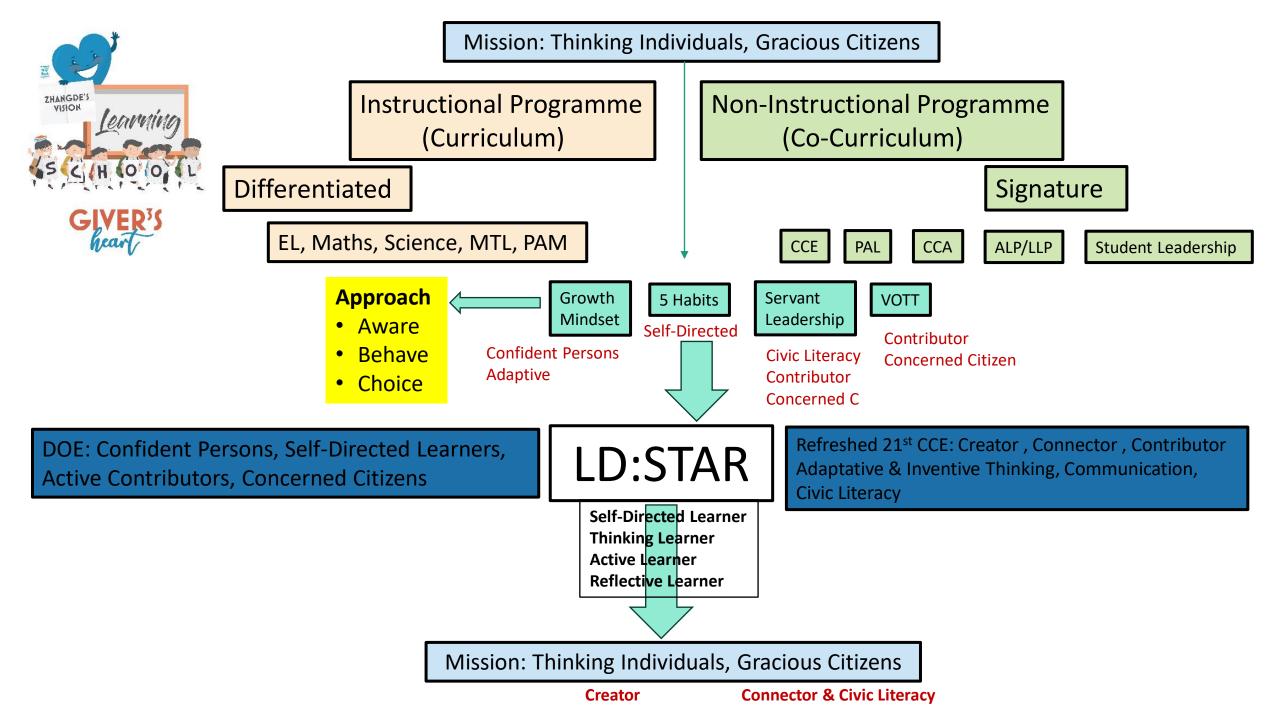




10.00 – 10.10 a.m.	Welcome address & Level Matters by Year Head
10.10 – 10.55 a.m.	Subjects Expectations by EL, Math, Science & Mother Tongue Heads of Departments  P4 Subject-Based Banding
11.00 – 12 noon	Address by Form Teachers (In Respective Classrooms @ Level 3)







### **Student Development**





- Student-Centric
- Values Driven
- Inclusive















### **P4 Matters**



- ☐ Term 1 : Bridging, Cohort Learning Journeys, Recess Buddies for P1s etc.
- ☐ Term 2 : Weighted Assessment, Museum Based Learning, CCM, Environment Day Commemoration etc.
- ☐ Term 3 : Weighted Assessment, Home-Based Learning, National Day Celebration, Residential Camp etc.
- ☐ Term 4 : Children's Day, End-of-the Exams, Subject-Based Banding Exercise, Post-Exam Programmes, Celebrating Our 2024 Journey, etc.



### **Your Support**



- ☐ Know your child's strengths, interest, weakness guide and support
- ☐ Nurture your child recognise and praise
- ☐ Help your child monitor and guide, not enforce
- ☐ Keep in touch with Form and Subject teachers





**END** 



### **CURRICULUM MATTERS** (By Subjects)







### **English Language (EL)**



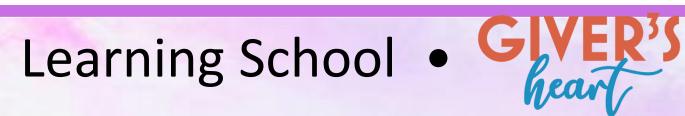




### Language Areas

- Listening and Viewing
- Speaking and Representing
- Reading and Viewing
- Writing and Representing
- **❖**Grammar
- Vocabulary





#### **STrategies for English Language Learning And Reading (STELLAR 2.0)**

Language Area	Strategy		
Reading & Viewing	Sustained Silent Reading (SSR)		
	Supported Reading		
	• KWL		
	<ul> <li>Retelling</li> </ul>		
	<ul> <li>Annotation</li> </ul>		
	<ul> <li>Reading for Pleasure (through Extensive Reading)</li> </ul>		
M/ ::: 0 D	<ul> <li>Writing Process Cycle (expanding repertoire of writer's craft,</li> </ul>		
Writing & Representing	strengthening awareness of PACC)		
Orony	Weaved in areas of language learning		
Oracy	Explicit Instruction		
Vocabulary	Taught in context		
Grammar	<ul> <li>Explicit teaching of language items, structures and skills</li> </ul>		
Graffillar	Sentence Manipulation		







### **English Language**



#### Level Programmes

- a) Read @ ZPS Subscription to Little Red Dot; Provision of Class Library Books, Visit to the School Library, Collaboration with NLB
- b) School-based Dyslexia Remediation (For selected students whole year)
- c) Reading Remediation Programme (For selected students whole year)
- d) Authentic Learning Experiences e.g. Making Ice Cream

#### **School-Level Programmes**

Sustained Silent Reading, DEAR, English Language Day, NLB activities







### **Holistic Assessment Structure**

Term 1	Term 2	Term 3	Term 4
No Weighted Assessment	Weighted Assessment 1	Weighted Assessment 2	End-of-year Examination
	[15%]	[15%]	[70%]





<sup>\*</sup>Topics to be assessed will be announced closer to date.

### **Assessment Format (End-of-Year Examination)**



Component	P4
Paper 1 – Composition	20 marks (20%)
Paper 2 – Language Use & Comprehension	50 marks (50%)
Paper 3 – Listening Comprehension	14 marks (14%)
Paper 4 – Oral Communication	16 marks (16%)





### Paper 1 (Composition)



Write a composition of at least 120 words about a forgetful person.

The pictures, not arranged in sequence, are provided to help you think about this topic. Your composition should be based on one, two or all of these pictures.

Consider the following points when you plan your composition:

- When and where did the incident take place?
- · What did the person do?
- What happened in the end?
- · How did the person feel after the incident?

You may use the points in any order and include other relevant points as well.

#### Helping words:

- · rang the doorbell
- · checked schoolbag
- left keys behind
- no choice but to wait outside
- sat on doorstep
- neighbour came back







- Write a composition of at least
   120 words on a given topic.
- Helping words will be given

Total Duration: 50 min (20 marks)





### Paper 2 (Language Use and Comprehension)



#### **Content**

Vocabulary MCQ

**Grammar MCQ** 

**Grammar Cloze** 

Vocabulary Cloze

**Synthesis** 

**Editing** 

Comprehension Open-ended

**Total Duration: 1 h 15 min** 

**Total Marks: 50 marks** 









### Paper 3 (Listening Comprehension)

P4 LC (approximately 20 min) Total Marks: 14 marks

- Picture Matching & Sequencing (6 marks)
- Note-taking (5 marks)
- Comprehension MCQ (3 marks)





### Paper 4 (Oral Communication)



### Reading Aloud (6 marks)

 read a text with accuracy (good pronunciation and articulation of words) and fluency (appropriate expression and rhythm)

### Stimulus-based Conversation (10 marks)

 give personal response to a visual stimulus and engage in a conversation on a relevant topic

**Total marks: 16 marks** 

Both components are linked by a common broad theme.









- Get your child to READ WIDELY AND EXTENSIVELY
   e.g. story books, magazines, newspaper articles and other materials
- Provide exposure to listening, speaking, reading and writing opportunities and activities
- Role models Read with them, write notes and messages to your child using standard English



### What Parents Can Do to Help



#### Encourage your child to:

- use Standard English in both writing and speaking.
- use the EL strategies (e.g. annotation) he/she has learnt in the classroom when completing the assignments.
- write neatly and legibly
- use a dictionary to learn meaning and pronunciation of new words and how to use them appropriately in context
- learn spelling / dictation well





### Mathematics (MA)





### **Mathematics Curriculum**



#### **Primary 3**

Numbers & Algebra

Whole Numbers

**Fractions** 

Money

Measurement & Geometry

Length, Mass & Volume

Time

Area & Perimeter

Angles

Perpendicular & Parallel Lines

Statistics

Bar Graphs

#### **Primary 4**

Numbers & Algebra

Whole Numbers

Fractions

Decimals

Measurement & Geometry

Area & Perimeter

Symmetry

Squares & Rectangles

Angles

**Nets** 

**Statistics** 

Tables & Line Graphs

**Pie Charts** 





#### **Challenges**

- Time Management to complete the paper
- Accuracy in calculations
- Developing problem solving skills
- Understanding the questions
- Checking the solutions and answers
- Persisting when faced with difficulties

### **Strategies**

- Have timed-based practice
- Master computational skills
- Have good understanding of skills and concepts
- Develop a range of problem-solving strategies
- Show solutions clearly and systematically
- Inculcate good habits:
  - Strive for accuracy check your work
  - Persistence never give up

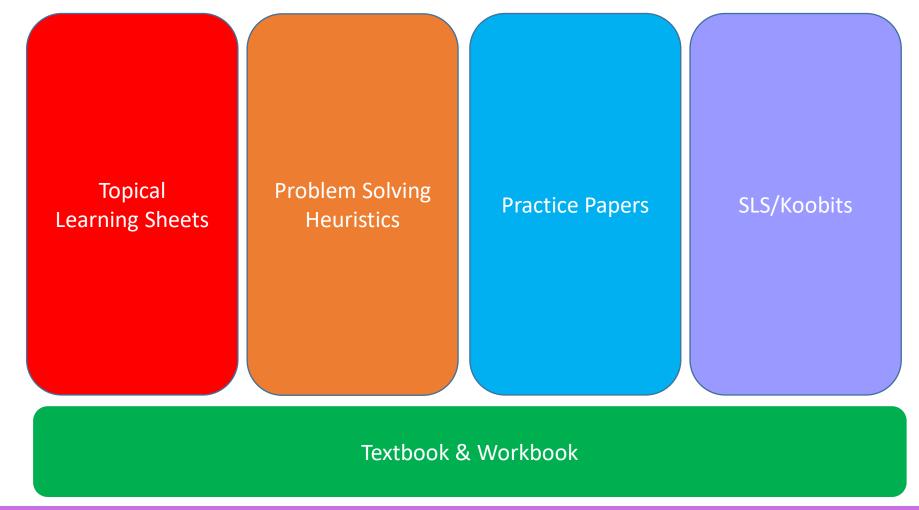






### **Mathematics Teaching & Learning Resources**



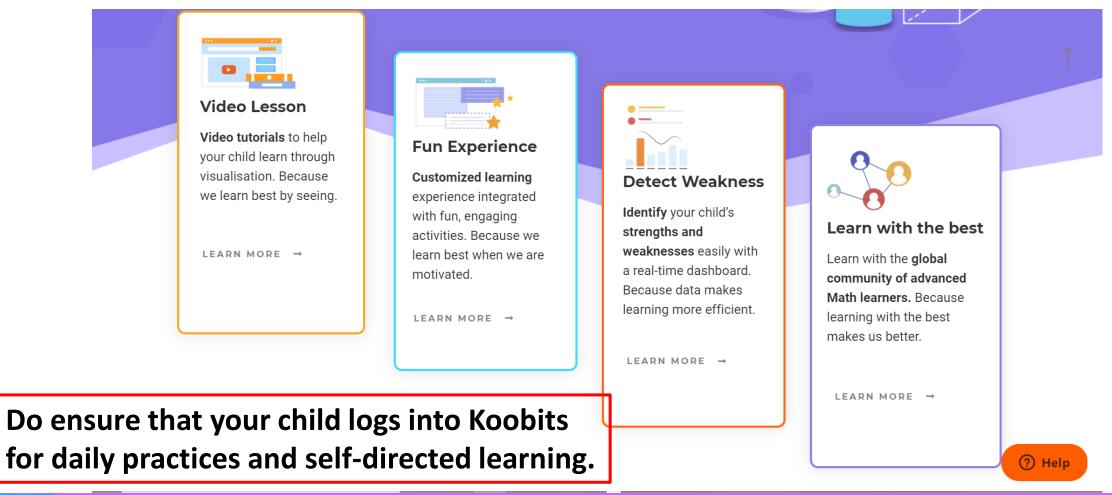






# Math online programme - Koobits (https://www.koobits.com/)









### Differences between P3 and P4 Mathematics Paper

Primary 3	Primary 4	
Section A: 13 marks	Section A: 30 marks	
Section B: 25 marks	Section B: 50 marks	
Section C: 12 marks	Section C: 20 marks	
Total: <u>50 marks</u> Duration: 1 h 30 min	Total: <u>100 marks</u> Duration: 1 h 45 min	





### **Marking Matters**



- Marks are awarded for relevant <u>method</u> even if the final answer is wrong.
  - Method Marks
    - Marks are awarded for correct methods.
    - Marks will be given even if the answers are wrong.
  - Answer Marks
    - Marks are awarded for correct answers.
    - Marks will not be given if the method is incorrect.
- Marks are deducted for:
  - Omission of units or wrong use of units

Area of rectangle = 
$$28$$
 cm

Mathematically incorrect statements e.g. wrong use of equal sign

$$20 - 5 = 15 + 3 = 18 \times 2 = 36$$



It is important to show

mathematical thinking clearly (by

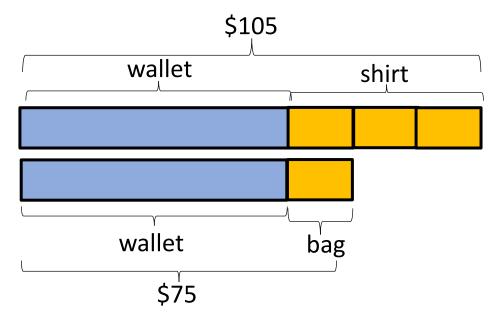
writing equations, diagrams etc)





### **Example**

The total cost of a wallet and a shirt was \$105. The total cost of the wallet and a bag was \$75. The shirt cost 3 times as much as the bag. How much did the wallet cost?



For a LAQ, a student can still score marks for the correct methods even though his/her final answer is incorrect.

Step 1 : Find the difference between the cost of the shirt and the cost of the bag \$105 - \$75 = \$30 (Method Mark)

Step 2: Find the cost of the bag.

2 units = \$30 1 unit = \$30 ÷ 2 (Method mark) = \$10 (wrong answer)

Step 3: Find the cost of the wallet.

\$75 - **\$10** (Method mark)

**=** \$65 *(wrong answer)* 

Ans: \$65 (No answer mark)

Important to <u>write</u> clear and systematic solutions





### How can I help my child?



#### **Monitor**

- Ensure homework is completed
- Establish regular and consistent practice
- Be aware of progress and challenges

### **Encourage**

- Cultivate a positive learning attitude & growth mindset
- Show applications and connections of mathematics in everyday life
  - Estimation
  - Shopping
  - Budgeting
  - Advertisements/receipts
  - TV programme schedules
- Ask them to explain their thinking

### **Partner**

- Use correct mathematical language – e.g. numerator, denominator, digits
- Explore alternative strategies and solutions
- Use Polya's problem solving approach (Understand-Plan-Do-Check)
- Ensure clear mathematical presentation and notation is used
- Practise factual fluency





### Mathematics Programmes @ Zhangde

- Learn to solve word problems using different heuristics
- Learning Experiences e.g Math Activities, Math Trail

### For selected students:

- Math Bridging Programme
- Math E2K programme







# Mother Tongue Languages (MTL)





### **3 BROAD OBJECTIVES**

## GIVER'S

#### IN THE TEACHING AND LEARNING OF MTL TO DEVELOP PROFICIENT LANGUAGE USERS

#### Communication

- Valuable skill for life and work
- In addition to their mastery of the EL, proficiency and ability to communicate in MTL gives Singaporeans a competitive edge

#### Culture

- Learning MTL enables our students to understand and develop their unique identity through a deeper appreciation of culture, traditions and literature and history
- Critical base to preserve the transmission of cultural values and traditions associated with each MTL in our society.

#### **Connection**

 Proficiency in MTL enables our students to connect with communities across Asia and the world who speak that language or share that culture.



The key is to help students to like, learn and use their MTL as a living language, and produce proficient users who can communicate effectively in a variety of real-life settings.

### **ACTIVE LEARNERS, PROFICIENT USERS**

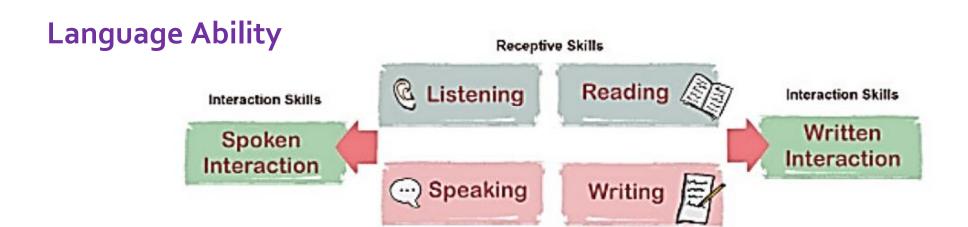




### **Curriculum Overall Goals**

**Productive Skills** 





Civic Literacy & Cultural

Awareness

Values

Culture

Local Culture

**Cross Culture** 

#### **General Ability**

Thinking Skills
Learning Skills
Social Emotional Learning
Communication, Collaboration &
Information Skills





#### Guide

# Teaching and Learning Process SUMMATIVE



#### Assess

#### **Language Skills**

- Listening
- Speaking
- Reading
- Writing
- Spoken Interaction
- Written Interaction

### **Apply**

#### **Practice**

Learn

### Civic Literacy & Cultural Awareness

Values Culture Local Culture Cross Culture

#### **General Ability**

Thinking Skills
Learning Skills
Social Emotional Learning
Communication, Collaboration
& Information Skills



#### **FORMATIVE**









### **MTL Holistic Assessment Structure**

Term 1	Term 2	Term 3	Term 4
No Weighted Assessment	Weighted Assessment 1	Weighted Assessment 2	End-of-year Examination
	[15%]	[15%]	[70%]

\*Topics to be assessed will be announced closer to the date.







# **Examination Format**



Component	P4
Paper 1 – Composition	15 marks (15%)
Paper 2 – Language Use & Comprehension	45 marks (45%)
Paper 3 – Oral	30 marks (30%)
<ul> <li>Listening Comprehension</li> </ul>	10 marks (10%)

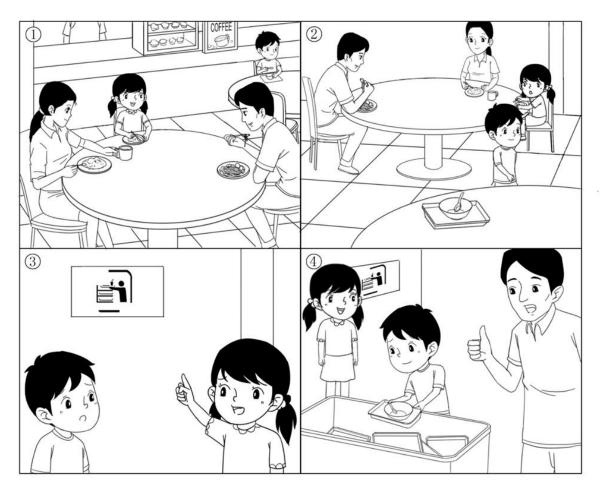


Learning School • G



# MTL – Paper 1 (Composition)





Picture Composition

(4 series of pictures)

- write at least 100 words
- helping words will be given





# MTL – Paper 3 (Oral)



### **Reading Aloud**

- ☐ short passage
- ☐ about 80 words

### **Picture Description and Conversation**

☐ Picture related to a theme – e.g. family

### **Example:**

- 1. Share with me what you have seen in the picture. (Description)
- 2. Share one activity that you have done with your family. (Conversation)







# MTL – Paper 3 (Listening Comprehension)



# **Listening Comprehension**

- ☐Picture matching
- ☐ Complete a dialogue
- ☐ Three short text passages

1





# **MTL P4 Teaching Resource**



# earning. classroom eaching

Printed **Materials** 

Textbook, Activity Book, Reading Card, Picture Card, Learning Sheet

ICT Resources

Video, Audio, Song, Reading Material, Interactive Game, Interactive Book, Online Task (SLS, Ezhishi, other ICT platform)

Games Tool Kit Board Game, Grammar Card, 'Values' Card, Picture Card

at home Printed Materials **Feaching** Learning

Small Book, Activity Book, Learning Sheet

ICT Resources

Interactive Game, Post-Reading





# Higher Mother Tongue (HMT)



- Students who showed strong proficiency and interest in Mother Tongue Language (MTL) will be offered HMT at P5.
- Students who obtained Distinction/Merit/Pass in HCL and a PSLE Score of 14 or better (i.e. PSLE Score ≤ 14) at PSLE will be eligible for posting advantage to SAP schools.
- If multiple students with the same PSLE Score apply for places in the same SAP school, those with better HCL grades will be allocated a place ahead of other students. This applies before the tie-breakers for S1 posting.





# Language & Cultural Exposure

### **Mother Tongue Fortnight**

Promote cultural awareness and appreciation of Mother Tongue languages and culture through fun and engaging activities.













### Supporting your child in MTL Learning





Cultivate the love of reading MTL books, e.g. visit the library or borrow e-books



Encourage them to take small steps in learning MTL, e.g. read signs, listen to music



Do fun activities in MTL together, e.g. watch a film or performance



Provide a conducive environment for learning MTL, e.g. access to MTL music and books











- Interact with and verbalise your child's thoughts in MTL daily.
- Cultivate a reading habit through MTL storybooks.
- Play language games with your child to make learning of MTL fun for him/her.
- Sing along with your child or watch quality TV programmes together.
- Encourage and support your child to share learning experiences from his/her MTL activities.
- Expose your child to MTL culture regularly.



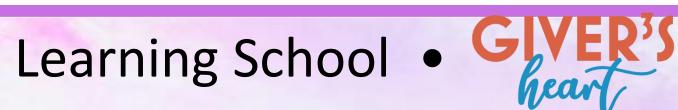






# Science







## **Outline on Presentation**

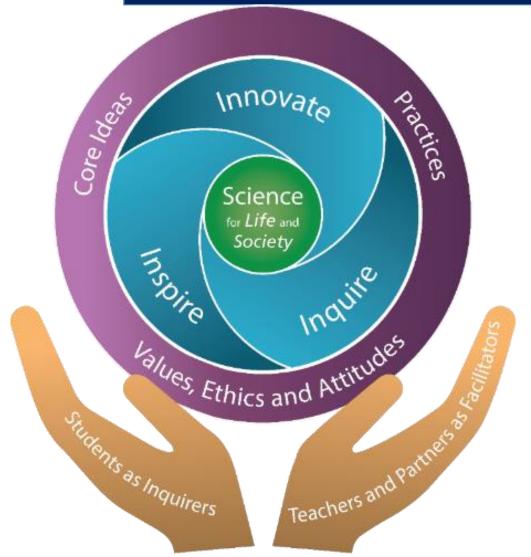
- 2023 new Science Syllabus
- Topics covered in P4
- Curriculum Expectations
- Assessment Format in P4 Science
- Science Topics covered at Assessments
- Expectations in Science Learning
- Strategies to answer Science questions
- Science Learning and Programmes at P4





### Science Curriculum Framework - 2023





### Goals

Science for Life and Society

Vision - 3Ins

**In**spire

**In**quire

**In**novate

### **Three Domains**

Core Ideas

**Practices** 

Values, Ethics and Attitudes

### **Stakeholders**

Students as Inquirers

Teachers & Partners as Facilitators



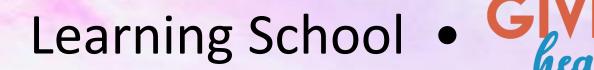




# **Topics Covered in P4 Science**

Term 1	Term 2	Term 3	Term 4
Chap 1: Plant Systems	Chap 3: Matter	Chap 4: Light	Chap 7 Effects of Heat
Chap 2: Human Systems		Chap 5: Shadows	Revision
		<u>Chapter 6:</u> Heat	











- P4 Science Revision Guide
- 1 Activity Book
- Assignments can be in the form of:-
  - concept mapping,
  - topical worksheets
  - Science Sketch Book activities)
  - Mini projects by topics (group work)
- Active participate in class discussion and activities.





### **Assessment Structure for P4 Science**



- 2 Weighted Assessments
  - > Term 2 Weighted Assessment 1 (15%)
  - > Term 3 Weighted Assessment 2 (15%)
- 1 End-of Year Examination
  - ➤ Term 4 EOY Examination– (70%)
- Non- Weighted Assessments
- > to provide feedback to parents and students on their progress in the learning of Science
- Review Exercise/ Concept Cartoons or Performance tasks





# Assessment Format for P4 End-of-Year Examination



Booklet	Item Type	Number of questions	Marks per question	Total Marks	Percentage
A	MCQ (multiple choice questions)	28	2	56	39.2
В	OE (open-ended)	12-13	2-5	44	30.8
Total				100	70%

A maximum of 2 topics will be tested. Assessment may be in varied modes like using ICT or Practical work.





# Topics covered for Assessments



Weighted Assessments

• Only a maximum of 2 P4 topics learned will be tested.

**During EOY Examination** 

All P3 and P4 topics taught will be tested.



## **Expectations in Science Learning**



- Students must take all written assignments seriously.
- Science reasoning must be seen.
- highlighting clues
- writing concepts
- writing short notes (thinking aloud)
- Hence, students must revise these topics on a regular basis.
- A timetable must be planned to study and revisit previous topics taught.
- Concepts must be memorised for each topic. This is vital in answering questions. Concept maps is a great way to consolidate learning.





# Strategies to answer Science questions

GIVER'S

- Using the O-I-C
   approach to answer questions
- O Observe
- I Infer
- C Conclude





Observe: Read and highlight the key words.



**Infer:** Write down the concept tested.



<u>Conclude:</u> Eliminate the wrong MCQ options. Apply the Science evidence and concepts in your open-ended explanations.









- Which of the following statements about a system is true?
  - A system can work if all its parts are working.
  - A system can work if none of its parts are working.
  - (3) A system can work if some of its parts are missing.
  - (4) A system can work if all of its parts are missing. (

Obser	/e	Infer		Conclude		
Did I highlight the key	Self	Did I write the concept tested?	Self	Did I use ticks and crosses to eliminate the wrong	Self	
words?	Peer	Peer	options?	Peer		









• Students tend to rush through MCQ. Parents can encourage students to complete their assignment in the following manner.

### **Use the Elimination Technique**

- Basically means to look at the options and to use logical reasoning to remove obvious distractors.
- Encourage your child to do working by using ticks ( $\forall$ ) for options that he agrees and (X) for those that he disagree.





# A Sample



Study the table below.

Which item is classified wrongly?

- (1) gold ring
- (2) copper coin
- (3) steel needle
- (4) aluminium foil

Magnetic	Non-magnetic
X copper coin	aluminium foil 🕢
iron nail 🕜	wooden block 🕢
steel needle 🕢	gold ring

**Answer: (2) Copper coin** 





# Open – ended questions



- Must attempt all questions given in the assignment.
- Questions that begin with 'Name', 'State', 'List' and 'What'
  - often require short answers.
- Questions that begin with 'Explain', 'Why', 'How', 'Describe'
  - often require detailed complete answers.
  - concepts must be clearly written appropriately in the answers.

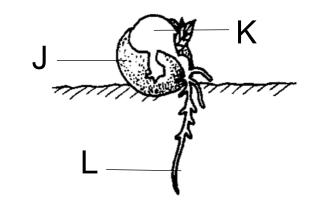






The diagram below shows a seedling.

(a) Which part of the seedling, J, K or L, is the first part to grow when the seed germinates?



### Part L

(b) Explain your answer in (a).

Part L is the roots. It absorbs water for the seed to grow





## **Learning and Applying Science**

Students applying light concepts in designing a periscope





Students making simple systems using recycled materials

A Digestive system model made by a student with his parents





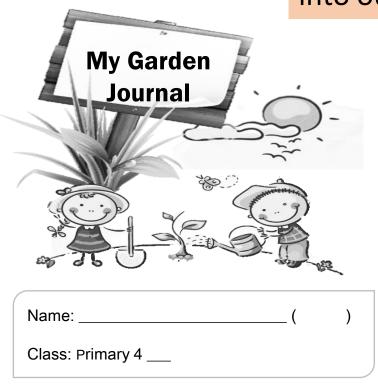


# Science Programmes at P4 level

GIVER'S

❖ Garden Curriculum @ Zhangde

Learning about life cycles of plants by growing seedlings into our garden plots













- Garden Curriculum Growing plants
- Science Centre Lessons (Term 1 Week 10)
- Science Olympiad (Selected Students with very good Aptitude in Science)
- **E2K** Science for Selected students.





# Environment Education @ Zhangde



- Zhangde aims to inculcate a love for the Environment in all our students. We also want our students to care for the Environment.
- Some highlights
- Setting up an Environment Corner
- Practising recycling Paper and Plastic bottles
- Commemorating Special Events like Environment Day and International Biodiversity Day.
- **We seek our Parents' support in all these initiatives.**





# Role of Parents with children





 Trigger curiosity in the things around children by asking them questions

Connect/Relate Science to the things around us

- Visit different places to experience & observe living & non-living things
- e.g. Botanical Gardens, Mount Faber, Science Centre, SEA Aquarium and Hort Park







# P4 Subject Based Banding (SBB) - MOE



- Every child is unique, and has different aptitudes, capabilities and talents. Our schools believe in providing a balanced education that caters to the different abilities of each child so that we can prepare him for life.
- Subject-based Banding (Pri) was introduced as a refinement to the streaming process to help each child realise his/her potential, based on his strengths and needs.
- Standard subjects in Primary schools, the focus is on the mastery of core content and skills.
- Foundation subjects pitched at a lower level than Standard Subjects to build up their understanding in subjects they need more help with.





# **Year End Student Movement**



Primary 3 to Primary 4
Criteria / Considerations

# **Enbloc Promotion**

2024 Primary 4 to 2025 Primary 5
Criteria / Considerations

Based on 2024 P4 Subject Based Banding (Standard / Foundation Subject Combination).

- Subject combinations not a choice. School's recommendation: Students' 2024 P4 total marks in English Language, Mathematics and Science will be taken into consideration in the allocation of classes.
- Students' Mathematics marks will also be the primary factor in distributing students to <u>a few selected classes</u> to allow for better pacing and pitching of the lessons to our students.







# **Zhangde Primary Subject Combination Options**

- GIVER'S heart s
- 1 English Language, Mathematics, Mother Tongue Language and Science [4S]
- 2 Higher Mother Tongue Language, English Language, Mathematics, Mother Tongue Language and Science [4S1H]
- English Language, Mathematics, Science and **Foundation Mother Tongue**Language [3S1F(FMT)]
- 4 English Language, Mother Tongue Language, Science and **Foundation Mathematics** [3S1F(FMA)]
- Foundation English Language, Foundation Mathematics, Foundation Mother Tongue Language and Foundation Science [4F]

NOT A CHOICE - RECOMMENDATION ON ONLY ONE COMBINATION THAT WOULD BE BEST FOR OUR STUDENT.





# SBB and Secondary School Admission

- Progression to secondary school depends on your child's PSLE AL score.
- ❖ Different expectations of Standard and Foundation subjects will be taken into consideration when your child's PSLE AL score is calculated.
- ❖ Offering subjects at the foundation level is not a disadvantage to your child. Your child will be able to focus on building up strong fundamentals in those subjects.
- ❖If he/she excels in the subject, he/she will have the opportunity to pursue higher level options at the secondary school.



# Subject-based Banding (SBB)

GIVERS

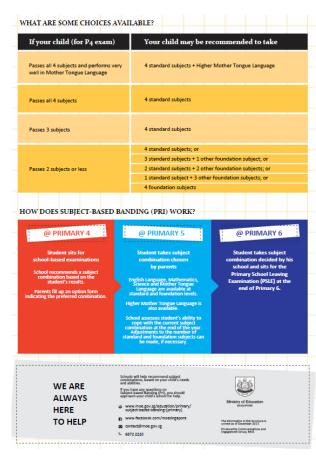
You can refer to the website for more details.

https://www.moe.gov.sg/prima

ry/curriculum/subject-based-

**banding** 









# Weighting of Termly Assessments and End-of-Year Examinations for Primary 4

	Term 1 Weighted Assessment	Term 2 Weighted Assessment	Term 3 Weighted Assessment	Term 4 End-of-Year Examination
P4	_	15%	15%	70%

Thank-You



