

Primary 4

Curriculum Information Annex

2022



Content Outline

1.	Curriculum Matters
2.	Assessment Matters

English



**ENGLISH
LANGUAGE**

English Curriculum

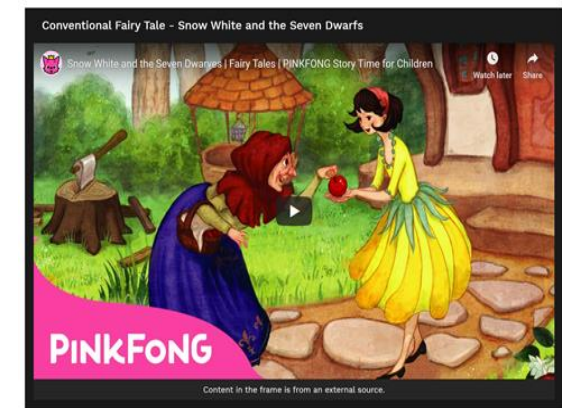
The English Curriculum adopts **STELLAR**:
Strategies for **E**nglish **L**anguage **L**earning
and **R**eadin**g**

ENGLISH LANGUAGE

Key Programmes:

- School-Based Dyslexic Remediation(SDR)
- Reading Remediation Programme (RRP)
- Digital Storytelling Using Animaker- Applied Learning Programme

Students in ALP, 2019



- Introduction
- Lesson 5: Researching on Information...
- Lesson 6: Researching on Narrative T...
- Lesson 7: Researching on Narrative T...
- Lesson 8: Identifying the Text Type
- Lesson 9: Working on Your Content
- Lesson 10 - Planning Your Storyboard



Once upon a time there lived a beast family.They wanted their son to get married but could find a suitable match.

Maths



MATHEMATICS

Spiral Approach in the Math Curriculum

Primary 1	Primary 2	Primary 3	Primary 4	Primary 5	Primary 6
Whole Numbers	Whole Numbers	Whole Numbers	Whole Numbers	Whole Numbers	Whole Numbers
Measurement	Measurement	Measurement	Measurement	Measurement	Measurement
Geometry	Geometry	Geometry	Geometry	Geometry	Geometry
Data Analysis	Data Analysis	Data Analysis	Data Analysis	Data Analysis	Data Analysis
	Fractions	Fractions	Fractions	Fractions	Fractions
			Decimals	Decimals	Decimals
				Percentage	Percentage
				Ratio	Ratio
				Rate	Rate
					Speed

MATHEMATICS

KEY PROGRAMMES

- Maths Trail via Student Learning Space
- In-Class Learning Experiences via Manipulatives
- Math Assembly Talks
- Daily Factual Fluency Activities
- Termly Heuristics Packages



Students exploring Maths Wall, 2018



MATHEMATICS

PCPS Approach to Problem Solving: POLYA's 4-step Routine

Understand

- Interpret the question
- List/ highlight/ underline/ circle important information
- Show relationship of numbers or words given through annotation

Plan

- Select a strategy

Do

- Apply strategy
- Write equations
- Work out the sums carefully

Check

- Check that the answer is logical/reasonable
- Use an alternative method to solve it
- Work backwards



George Pólya
Hungarian
Mathematician
(1887 – 1985)

MATHEMATICS

PCPS Approach to Problem Solving: POLYA's 4-step Routine



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(1887 – 1985)

Understand



Plan



Do



Check

Guiding Questions

- What information is provided in this question?
- What am I asked to find in this question?
- Can I rephrase the question in my own words?
- What is the first thing I can find based on the information given?

- What are the strategies I have learnt?
- Based on past experiences, is this the appropriate strategy? If yes, go ahead. If no, what else is possible?

- Do I know what I am finding when I do every step?
- Does my working make sense?
- If I am stuck, what other strategies can I use?

- Have I answered the question?
- Is my answer reasonable?
- Have I made any calculation or careless mistakes?

MATHEMATICS

Strategies to help your child in the learning of Mathematics

- Ensure a conducive environment for your child to study at home
- Encourage your child to refer to his/her textbook as a guide during their revision
- Reinforce the POLYA thinking routine as they solve Math questions
- Plan a timetable with your child to help them stay focused and on-task
- Provide consistent encouragement and affirm their efforts

Science



SCIENCE

Conceptual Understanding in Primary Science

Students learn Science through understanding and applying concepts and skills in different contexts in an age-appropriate manner.

The focus of learning Science is not on giving "standard answers" or keywords. Students can show their understanding by using their own words to explain clearly in the context of the question.

Science is alive and its applications are all around us.



Science Learning @PCPS

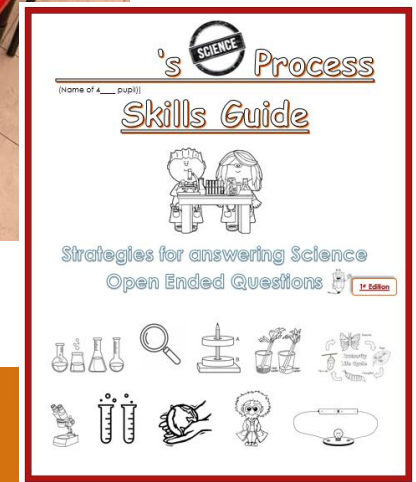
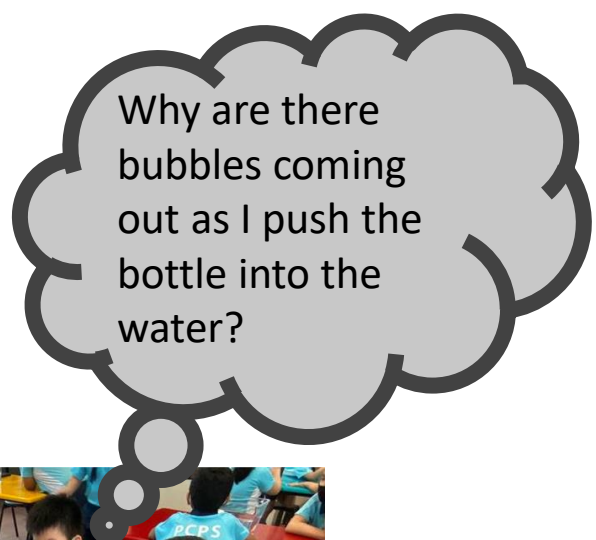
Adopted Inquiry Based Learning in our Science curriculum and programme.

- Develop pupils to be curious about what they see and observe around them.
- To be able to make meaning and draw conclusions about the observation in a scientific way.
- Ask questions, collect data and use such as evidence to communicate explanations and connect these to the world around them.

Science

Key Programmes:

- Science Process Skills Guide
- Science@Play
- P4 level-wide Differentiated Instruction using SLS as a tool for learning





MOTHER TONGUE CL / ML / TL

MOTHER TONGUE CL / ML / TL

Key Programmes

- MOTHER TONGUE FORTNIGHT
- MOTHER TONGUE CULTURAL DAY (During Curriculum)
- FESTIVE CELEBRATIONS

Students enjoying MT activities, 2018



Holistic Assessment to Support Learning and Development of the Child



Assessment is Part of Learning



Assessment @ PCPS

Primary 4

ENGLISH LANGUAGE

ASSESSMENT STRUCTURE

Term 1	Term 2	Term 3	Term 4
	<p><u>Mid-Year Examination: *Week 5 to 8</u></p> <p>Total Marks: 100</p> <p><u>PAPER 1:</u> (20 marks)</p> <p>Composition Writing</p> <p><u>PAPER 2:</u> (50 marks)</p> <p>Language Use & Comprehension</p> <p><u>PAPER 3:</u> (14 marks)</p> <p>Listening Comprehension</p> <p><u>PAPER 4:</u> (16 marks)</p> <p>Oral: Reading Aloud & Stimulus-Based Conversation</p>		<p><u>End-Of-Year Examination *Week 3 to 7</u></p> <p>Total Marks: 100</p> <p><u>PAPER 1:</u> (20 marks)</p> <p>Composition Writing</p> <p><u>PAPER 2:</u> (50 marks)</p> <p>Language Use & Comprehension</p> <p><u>PAPER 3:</u> (14 marks)</p> <p>Listening Comprehension</p> <p><u>PAPER 4:</u> (16 marks)</p> <p>Oral: Reading Aloud & Stimulus-Based Conversation</p>
0%	30%	0%	70%

ENGLISH LANGUAGE

Paper	Marks
Paper 1- Composition	20
Paper 2 – Language Use and Comprehension	50
Paper 3 – Listening Comprehension	14
Paper 4 – Oral (Reading Aloud & Stimulus Based Conversation)	16
Total	100

MATHEMATICS

ASSESSMENT STRUCTURE

Term 1	Term 2	Term 3	Term 4
	<p data-bbox="333 344 1085 394"><u>Mid-Year Examination</u> * Week 8</p> <p data-bbox="333 479 856 529">Total Marks: 80 marks</p>		<p data-bbox="1536 344 2346 394"><u>End-Of-Year Examination</u> *Week 7</p> <p data-bbox="1536 479 2074 529">Total Marks: 100 marks</p>
0%	30%	0%	70%

MATHEMATICS

Term 2

Mid-Year Examination Format

Item Type	No. of questions	Weighting	Duration
MCQ	15	30%	1h 15 min
SAQ	21		
LAQ	6		
Total Marks	80		

MCQ: Multiple Choice Questions

SAQ: Short Answer Questions

LAQ: Long Answer Questions

MATHEMATICS

Term 4

End-Of-Year Examination Format

Item Type	No. of questions	Weighting	Duration
MCQ	15	70%	1h 30 min
SAQ	25		
LAQ	8		
Total Marks	100		

MCQ: Multiple Choice Questions

SAQ: Short Answer Questions

LAQ: Long Answer Questions



ASSESSMENT STRUCTURE

Term 1	Term 2	Term 3	Term 4
	<p><u>Mid Year Examination: *Week 8</u></p> <p>Total Marks: 100</p>		<p><u>End-Of-Year Examination: *Week 7</u></p> <p>Total Marks: 100</p>
0%	30%	0%	70%



Mid and End-Of-Year Examination Format

	Item Types	Number of questions	Weighting (marks)	Duration
Booklet A	Multiple-Choice	28	56 (2 marks each)	1h 45 min
Booklet B	Open-Ended	12-14	44 (2 to 4 marks)	



MOTHER TONGUE

ASSESSMENT STRUCTURE

Term 1	Term 2	Term 3	Term 4
	<p data-bbox="300 311 1154 358"><u>Mid-Year Examination: *Week 5 to 9</u></p> <p data-bbox="300 439 690 486">Total Marks: 100</p> <p data-bbox="300 568 1174 615">Listening Comprehension (10 marks)</p> <p data-bbox="300 696 919 743">Reading Aloud (10 marks)</p> <p data-bbox="300 825 1021 872">Picture Description (10 marks)</p> <p data-bbox="300 953 1065 1001">Picture Conversation (10 marks)</p> <p data-bbox="300 1082 1233 1186">Language Use and Comprehension (45 marks)</p> <p data-bbox="300 1268 733 1315">Writing (15 marks)</p>		<p data-bbox="1597 311 2517 358"><u>End-Of-Year Examination: *Week 5 to 7</u></p> <p data-bbox="1597 448 1982 495">Total Marks: 100</p> <p data-bbox="1597 562 2466 609">Listening Comprehension (10 marks)</p> <p data-bbox="1597 691 2211 738">Reading Aloud (10 marks)</p> <p data-bbox="1597 819 2313 866">Picture Description (10 marks)</p> <p data-bbox="1597 948 2356 995">Picture Conversation (10 marks)</p> <p data-bbox="1597 1076 2430 1180">Language Use and Comprehension (45 marks)</p> <p data-bbox="1597 1262 2033 1309">Writing (15 marks)</p>

0%

30%

0%

70%