



ESTABLISHED 1932

XINGNAN PRIMARY SCHOOL

5 Jurong West Street 91, Singapore 649036

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2022 TERM 4 LEARNING PLAN PRIMARY 5

SCIENCE

S/N	Topic(s)/ Skill(s)	Learning Outcomes	Reference Materials
1	Human System (Circulatory system)	<p>Identify the organs of the human circulatory systems and describe their functions.</p> <p>Compare the ways in which substances are transported within plants and humans.</p> <ul style="list-style-type: none">- plants: tubes that transport food and water- humans: blood vessels that transport digested food, oxygen and carbon dioxide <p>Show objectivity by seeking data and information to validate observations and explanations about their body.</p>	<p>System (Standard) textbook and workbook</p> <p>Topical worksheet</p>
2	Plant transport system	<p>Identify the parts of the plant transport system and describe their functions.</p> <p>Investigate the functions of plant parts (leaf, stem and root) and communicate findings.</p> <p>Show objectivity by seeking data and information to validate observations and explanations about plant parts and functions.</p>	<p>System (Standard) textbook and workbook</p> <p>Topical worksheet</p>



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FOUNDATION SCIENCE

S/N	Topic(s)/ Skill(s)	Learning Outcomes	Reference Materials
1	Air and the Respiratory System	Recognise that air is a mixture of gases such as nitrogen, carbon dioxide, oxygen and water vapour. Identify the organs of the human respiratory system and describe their functions. Compare how plants and humans take in oxygen and give out carbon dioxide.	System (Foundation) textbook and workbook Topical worksheet
2	The Circulatory System	Identify the organs of the human circulatory systems and state their functions. State how the circulatory system transports substances around the body. Show objectivity by seeking data and information to validate observations and explanations about their body.	System (Foundation) textbook and workbook Topical worksheet



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2022 TERM 4 ASSESSMENT MATTERS

PRIMARY 5 END-OF-YEAR EXAMINATION

- If your child/ward is ill, it is advisable for him/her to see a doctor and rest at home. Any absence from a paper due to medical reasons must be covered by a valid medical certificate which should be submitted to your child/ward's form teacher upon his/her return to school. Your child/ward will not be disadvantaged as the final marks will be pro-rated.
- Absence from any assessment that is not covered by a medical certificate will render your child/ward not getting any mark for that paper.



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Table of Specifications Primary 5 Science

Lower Block (P3 & P4)		
Theme	Energy	Interactions
Topics	Light and Shadows [P4] Heat and Temperature [P4]	Magnets and their Characteristics [P3] Making Magnets [P3]

Upper Block (P5)		
Theme	Cycles	Systems
Topics	Reproduction in Flowering Plants Reproduction in Human Water and Changes of State Water Cycle	The Unit of Life Electrical Systems Using Electricity Air and the Respiratory System The Plant Transport System The Circulatory System



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Item Type	No. of Qns	No. of Marks per Qn	Marks	Period	Duration
Multiple Choice Questions	28	2	56	31 October	1h 45 min
Open-ended Questions	12 – 13	2 – 5	44		
Total Marks			100		



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Table of Specifications

Primary 5 Foundation Science

Lower Block (P3 & P4)	
Theme	Energy
Topics	Light and Shadows [P4] Heat and Temperature [P4]

Upper Block (P5 and P6)		
Theme	Cycles	Systems
Topics	Reproduction in Flowering Plants Reproduction in Humans Water and Changes of State Water cycle	Electrical Systems Using electricity The Plant Transport System The Circulatory System Air and the Respiratory System



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Item Type	No. of Qns	No. of Marks per Qn	Marks	Period	Duration
Multiple Choice Questions	18	2	36	31 October	1h 15 min
Structured	6 – 7	2- 3	14		
Open-ended	5 – 6	2 – 4	20		
Total Marks			70		