## Queenstown Secondary School End-of-Year Examination 2023 Scheme of Assessment SA2

Sec 1 Express

Sec 1 Express	Paner	Duration		Description	Marko	Waighting
Subject	Paper Paper 1: Grammar & Writing	Duration 1 h 20 min	Section A : Editing	Description	Marks 20	Weighting 45%
	Paper 1: Grammar & writing	1 n 20 min	Section B: Continuous Writing		30 5	45%
	Paper 2: Comprehension and Pesonal Response	1 h 20 min	Section A: Visual Text Section B: Comprehension and Personal Resp	oonse	25	45%
English Langauge	Paper 3: Listening Comprehension	45 min	Section A	Candidates respond to a variety of listening tasks based on a number of audio recordings which the candidates will hear twice.	22	10%
			Section B	Candidates listen to an audio recording and do a simple note- taking exercise. Candidates will hear the recording only once.	8	
Mather Towns	Paper 1	1 h 30 min	This paper is divided into 2 sections: Students answer both Section 1 and Section 2 Section 1: 1 Qn - Email Writing (20 marks) Section 2: 1 Qn - Composition (40 marks) (Dictionary or E-dictionary is ONLY allowed for		60	30%
Mother Tongue	Paper 2	1 h 30 min	Language Usage and Comprehension		70	35%
	Paper 3	approx 15 min	Oral  Listening Comprehension	Section 1: Reading a passage (20 marks) Section 2: Dialogue on opinion based on a video stimulus (30 marks) Listening tasks based on a number of audio recordings.	50 20	35%
	Paper 1	50 min	Write a composition based on the pictorial topic	c given.	20	20%
	•		(Dictionary or E-dictionary is ONLY allowed for Language Usage and Comprehension	this paper.)		
Mother Tongue B	Paper 2	1 h	Language Usage and Comprehension	Section 1: Reading a passage (10 marks)	30	30%
	Paper 3	approx 15 min	Oral  Listening Comprehension	Section 2: Dialogue on opinion based on a video stimulus (20 marks)  Listening tasks based on a number of audio recordings.	30	50%
	Paper 1	1 h 15 min	14-16 short answer and structured questions 2-4 marks per qsn Calculator is allowed		50	50%
	Paper 2	1 h 15 min	7-8 structured and long questions 4-8 marks per qsn The last question will focus specifically on applying mathematics to real-world scenario Calculator is allowed		50	50%
	Ch 4: Basic Algebra and Algebraic expressions Ch 6: Linear Equations Ch 6: Linear Functions & Graphs Ch 7: Number Patterns Ch 8: Percentage Ch 9: Ratio and Rate and Speed Ch 10: Basic Geometry Ch 12: Perimeter and Area of Plane Figures Ch 13: Vol and Surface Area of Prisms and Cylinders Ch 13: Vol and Surface Area of Prisms and Cylinders	3				
		1 h 45 min	Section A: Multiple Choice Questions [30 mark Section B: Structured Questions [40 marks] Section C: Free Response Questions [30 mark	-	100	100%
Science	Topics:  Ch 1: The Scientific Endeavour  Ch 2: Exploring Diversity of Matter by its Physical Pro  Ch 3: Exploring Diversity of Matter by its Chemical Cr  Ch 4: Exploring Diversity of Matter using Separation 1  Ch 5: Ray Model of Light  Ch 6: Model of Cells - the Basic Unit of Life  Ch 7: Model of Matter - the Particulate Nature of Mat  Ch 8: Model of Matter - Atoms and Molecules	omposition Fechniques				
		1 h 15 min	Section A: Mapwork [6m]		40	100%
Geography	Topics: Water Resource Tropical Rainforests and Mangroves Mapwork		Section B: Structured Questions on Water Re	source & Tropical Rainforests and Mangroes [34m]		
		1 h 15 min	Source-Based Question (Inference and Compa Structured Questions (Describe and explain) [1		35	100%
History	Topics: Ch 4: What role did the people in Singapore play in it Ch 5: Did Singapore have to fall to the Japanese in V		port city from 1819 to 1942?			
		1 h 30 min	Passage-Based Question 1 Passage-Based Question 2		15 15	100%
Literature	Set Text: The Boy in the Striped Pajamas					
	Coursework	Semester 1	Project 1 Project 2		37 40	30% 70%
Design and Technology	Topics:  1. Design Factors  2. Design Model  3. Research  4. Design Needs, Brief and Specifications  5. Isometric Sketching  6. Idea Generation via Shape Borrowing  7. Model Making  8. Development of Selected Idea  9. Actualisation of Design Solution					
			Students to create decorative tile using dry clay	y.	50	100%
Art	Topic: Creating tile with dry clay	3 h				

Page 1   Common 8 Maria   Maria   Common 8 Maria   Maria   Common 8 Maria	Sec 1 Normal (Acader	,	Dunstian		Description	Manles	Wainbinn
Page 2   Libering Competencies and Personal Regions   1	Subject	Paper 1: Grammar & Writing	Duration 1 h 20 min	Section A : Editing	Description	Marks 20	Weighting
Page		Faper 1. Grammar & writing	1 11 20 111111				4576
Page 1		Paper 2: Comprehension and Pesonal Response	1 h 20 min		oonse		45%
Pages	English Language	Paper 3: Listening Comprehension	45 min		Candidates respond to a variety of listening tasks based on a number of audio recordings which the candidates will hear		10%
Machina Trage   Page   1   1   1   1   1   1   1   1   1		r apor o: Estaring Comprehension		Section B		8	
Page 2	Mathes Tengue	Paper 1	1 h 30 min	Students answer both Section 1 and Section 2. Section 1: 1 Qn - Email Writing (20 marks) Section 2: 1 Qn - Composition (40 marks)		50	25%
Piger 3	Mother Tongue	Paper 2	1 h 30 min Language Usage and Comprehension			60	30%
Mother Trages   B		Paper 3			Section 2: Dialogue on opinions based on a video stimulus (40 marks)		60 45% 30 20 20% 30 30% 30 50%
Monher Tronge   Page 2		_					
		· ·		(Dictionary or E-dictionary is ONLY allowed for			
Paper 1	Mathan Tanana B	Paper 2	1 h	Language Usage and Comprehension	I	30	30%
Page   1	Mother Tongue B	Paper 3			Section 2: Dialogue on opinion based on a video stimulus (20 marks)		50%
Paper 1			30 min		Listening tasks based on a number of audio recordings.	30	
Paper 2		Paper 1	1 h 15 min	2-4 marks per qsn Calculator is allowed		50	50%
Capper   Primes, HoF, & LOM   Capper   Primes, HoF, & LOM   Capper   Stational Numbers and Real Numbers		Paper 2	1 h 15 min	4 - 8 marks per qsn The last question will focus specifically on applying mathematics to real-world scenario		50	50%
Science  Science  Characteristic Endeavour Ch 2 Exploring Diversity of Matter by its Physical Properties Ch 3: Exploring Diversity of Matter by its Chemical Composition Ch 4: Exploring Diversity of Matter by its Chemical Composition Ch 4: Exploring Diversity of Matter by its Chemical Composition Ch 5: Exploring Diversity of Matter using Separation Techniques Ch 5: Exploring Diversity of Matter using Separation Techniques Ch 5: Exploring Diversity of Matter using Separation Techniques Ch 5: Exploring Diversity of Matter using Separation Techniques Ch 6: Exploring Diversity of Matter using Separation Techniques Ch 6: Exploring Diversity of Matter using Separation Techniques Ch 7: Model of Matter - Atoms and Molecules  1 h 15 min Section A - Magwork (6m) Section B - Structured Question on Water Resource & Tropical Rainforests and Mangroves (34m) 40 100%  Topics: Water Resource Tropical Rainforests and Mangroves Tropical Rainforests and Mangroves (34m) 35 100% Sincutured Questions (Sate and Describe) (10m)  Topics: Ch 4: What note did the people in Singapore play in its development as a port city from 1819 to 1942? Ch 6: Old Singapore have to fall to the Japanese in World War (17)  Literature  Literature  Literature  Topical 1 h 30 min Passage-Based Question 1 Passage-Based Question 2  1 h 30 min Passage-Based Question 1 Project 1 Project 1 Project 2  Coursevork Semister 1 Project 1 Project 2  Coursevork Semister 1 Project 1 Project 1 Project 2  Coursevork Semister 1 Project 1 Project 2  Coursevork Semister 1 Project 2  Coursevork Semister 1 Project 2  Coursevork Semister 1 Project 1 Project 2  Coursevork Semister 1 Project 2  Coursevork Semister 1 Project 1 Project 2  Coursevork Semister 1 Pro		Chapter 5: Linear Equations Chapter 6: Number Patterns Chapter 7: Percentage Chapter 8: Ratio, Rate and Speed Chapter 9: Angles and Triangles Chapter 10: Perimeter and Area of Plane Figures Chapter 11: Volume and Surface Area of Prisms and					
Science Scienc					s]		
Topics: Ch: 1: The Scientific Endeavour Ch: 2: Exploring Diversity of Matter by its Chemical Composition Ch: 4: Exploring Diversity of Matter by its Chemical Composition Ch: 4: Exploring Diversity of Matter by its Chemical Composition Ch: 4: Exploring Diversity of Matter by its Chemical Composition Ch: 4: Exploring Diversity of Matter by Particular Nature of Matter Ch: 8: Model of Light Ch: 6: Model of Matter - Atoms and Molecules  Topics: Topics: Water Resource Topical Rainforests and Mangroves  1 h 15 min Source-Based Question (Inference and Comparison) [25m] Situctured Questions (State and Describe) [10m]  7 opics: Ch: 4: What role did the people in Singapore play in its development as a port oily from 1819 to 1942? Ch: 5: Did Singapore have to fall to the Japanese in World Was II?  Passage-Based Question 1 Passage-Based Question 1 Passage-Based Question 1 Passage-Based Question 2 Passage-Based Question 1 Passage-Based Question 2 Passage-Based Question 2 Passage-Based Question 2 Passage-Based Question 1 Passage-			1n 45 min		ssl	100	100%
Geography  Topics: Water Resource Tropical Rainforests and Mangroves  Topics   Water Resource Tropical Rainforests and Mangroves	Science	Ch 1: The Scientific Endeavour Ch 2: Exploring Diversity of Matter by its Physical Prc Ch 3: Exploring Diversity of Matter by its Chemical Cc Ch 4: Exploring Diversity of Matter using Separation Ch 5: Ray Model of Light Ch 6: Model of Cells - the Basic Unit of Life Ch 7: Model of Matter - the Particulate Nature of Mat	omposition Fechniques				
Topics : Water Resource Tropical Rainforests and Mangroves   Topical Rainforests and Mangroves			1 h 15 min		ource & Tropical Rainforests and Mangroyes (34m)	40	100%
History  Topics: Ch 4: What role did the people in Singapore play in its development as a port city from 1819 to 1942? Ch 5: Did Singapore have to fall to the Japanese in World War II?  Literature  Literature  Literature  Coursework  Design and Technology  Technology  Design and Technology  A Design Factors S Design Factor S Desi	Geography	Water Resource		poolion b emacarea quodian on water nea	outed a respect running color and manigrated to my		
Ch 4: What role did the people in Singapore play in its development as a port city from 1819 to 1942?  Ch 5: Did Singapore have to fall to the Japanese in World War II?    Literature			1 h 15 min	Source-Based Question (Inference and Compa Structured Questions (State and Describe) [10r	arison) [25m] m]	35	100%
Literature  Literature  Set Text: The Boy in the Striped Pajamas  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research 4. Design Needs, Brief and Specifications 5. Isometric Sketching 6. Idea Generation via Shape Borrowing 7. Model Making 8. Development of Selected Idea 9. Actualisation of Design Solution  Students to create decorative tiles using dry clay.  10 passage-Based Question 2  15 100%  37 30% Project 1 Project 2  40 70% 70% 70% 70% 70% 70% 70% 70% 70% 70%	History	Ch 4: What role did the people in Singapore play in it		port city from 1819 to 1942?			
Literature  Set Text: The Boy in the Striped Pajamas  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research Technology 4. Design Nedel, Sie and Specifications 5. Isometric Sketching 6. Idea Generation via Shape Borrowing 7. Model Making 8. Development of Selected Idea 9. Actualisation of Design Solution  Students to create decorative tiles using dry clay.			1 h 30 min				100%
Coursework Semester 1 Project 2 40 70%  Topics:  1. Design Factors 2. Design Model 3. Research Technology 4. Design and Specifications 5. Isometric Sketching 6. Idea Generation via Shape Borrowing 7. Model Making 8. Development of Selected Idea 9. Actualisation of Design Solution  Students to create decorative tiles using dry clay.  50 100%	Literature		50 11111	Prassage-Based Question 2		15	
Coursework Semester 1 Project 2 40 70%  Topics:  1. Design Factors 2. Design Model 3. Research Technology 4. Design and Specifications 5. Isometric Sketching 6. Idea Generation via Shape Borrowing 7. Model Making 8. Development of Selected Idea 9. Actualisation of Design Solution  Students to create decorative tiles using dry clay.  50 100%	-			Project 1		37	30%
Art Topic: 3h	Design and Technology	Topics: 1. Design Factors 2. Design Model 3. Research 4. Design Needs, Brief and Specifications 5. Isometric Sketching 6. Idea Generation via Shape Borrowing 7. Model Making 8. Development of Selected Idea	Semester 1				
	Art		3 h	Students to create decorative tiles using dry cla	ay.	50	100%

## Queenstown Secondary School End-of-Year Examination 2023 Scheme of Assessment SA2

## Sec 1 Normal (Technical)

bject	Paper	Duration	Description		Weight
	Paper 1: Grammar & Writing	1 h 20 min	Section A: Editing Passages	20	45%
		11120111111	Section B: Continuous Writing	30	107
inglish Language	Paper 2: Reading & Response	1 h 20 min	Section A: Modified Cloze Passages		45%
inglish Language		11120111111	Section B: Comprehension Text and Personal Response		437
	per 3: Listening Comprehension 45 min		Candidates respond to a variety of listening tasks based on a number of audio		10%
	· · · · · · · · · · · · · · · · · · ·		recordings.	20 35	
Basic Mother Tongue	Paper 1	50 min			35%
		approx 15 min	This paper consists of 2 sections. All parts are compulsory.	45	
	Paper 2		Section 1 : Reading Aloud (20 marks)		
			Section 2 : Dialogue on opinion based on a Video Stimuli (25 marks)		
	D2		Listening Comprehension:		
	Paper 3	30 11111	Students are to answer all 10 MCQ based on a number of audio recordings		
			Questions will cover topics from:		
			- Number & Algebra		
			- Geometry & Measurement		
	Paper 1	1 h 15 min	10-12 short answer questions which are largely context-free and testing fundamental	40	509
			concepts and skills (2-4 marks per qsn)		
			1 longer question developed around a context (6-8 marks per qsn)		
			Calculator is allowed		
			Ougations will sower topics from:		
			Questions will cover topics from: Number & Algebra		
	Paper 2	1 6 15	Statistics & Probability	40	FC:
	Paper 2	1 h 15 min	10-12 short answer questions which are largely context-free and testing fundamental	40	509
			concepts and skills (2-4 marks per qsn)		
Mathematics			longer question developed around a context (6-8 marks per qsn)     Calculator is allowed		
			Calculator is allowed		
	Topics:				
	Chapter 1: Numbers				
	Chapter 2: Four Operations				
	Chapter 3: Ratio				
	Chapter 4: Percentage				
	Chapter 5: Algebra				
	Chapter 5: Algebra Chapter 6: Angles				
	Chapter 7: Data Handling				
	Chapter 8: Symmetry				
	Chapter 8: Symmetry Chapter 9: Area and Perimeter				
	Chapter 8: Symmetry				
	Chapter 8: Symmetry Chapter 9: Area and Perimeter	1 h 30 min	Multiple Choice Questions [40 marks]	100	100
	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area	1 h 30 min	Multiple Choice Questions [40 marks] Structured Questions [60 marks]	100	100
	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area Topics:			100	100
	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area			100	100
Scionos	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area Topics:			100	100
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and President Area			100	100
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pri Ch 6: Matter			100	100
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution			100	100
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells	ocedures		100	100
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution	ocedures		100	100
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells	ocedures		100	
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro	ocedures m Food	Structured Questions [60 marks]  Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.		100
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Prich 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from	m Food	Structured Questions [60 marks]	50	501
Science	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro	ocedures m Food	Structured Questions [60 marks]  Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer		50
	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Prich 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from	m Food	Structured Questions [60 marks]  Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter	50	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proceedings of Matter Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2	m Food	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time	50	501
	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro	m Food	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time	50	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proceedings of the Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals	m Food	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time	50	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements	m Food	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time	50	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proceedings of Matter Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time	50	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time	50	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proceedings of Matter Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.	50	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proceedings of Matter Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.	50	50'
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro  Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics:	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50'
Computer	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proceedings of the Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics: 1. Design Factors	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50
Computer Applications	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro  Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics:	m Food  1 h  1 h 15 min	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50'
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro  Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50'
Computer Applications	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from the state of	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro  Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50°
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients fro  Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research 4. Design Needs, Brief and Specification	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50°
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proches Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research 4. Design Needs, Brief and Specification 5. Isometric Sketching	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50°
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proche 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from the second of	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50°
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research 4. Design Needs, Brief and Specification 5. Isometric Sketching 6. Idea Generation via Shape Borrowing 7. Model Making	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50'
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Pr. Ch 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from Paper 1  Paper 2  Topics: 1. Computer Fundamentals 2. Media Elements 3. Document Processing 4. Interactive Multimedia Communication  Coursework  Topics: 1. Design Factors 2. Design Model 3. Research 4. Design Needs, Brief and Specification 5. Isometric Sketching 6. Idea Generation via Shape Borrowing 7. Model Making 8. Development of Selected Idea 9. Actualisation of Design Solution	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1  Project 2	50 50 37 40	50°
Computer Applications Design and	Chapter 8: Symmetry Chapter 9: Area and Perimeter Chapter 10: Volume and Surface Area  Topics: Ch 1: Laboratory Measurements and Proche 6: Matter Ch 7: Water Pollution Ch 8: Air Pollution Ch 9: Cells Ch 10: Getting Energy and Nutrients from the second of	m Food  1 h  1 h 15 min  Semester 2	Paper 1 is a theory paper which assesses theory knowledge on all topics listed below.  Paper 2 is a practical paper which assesses practical skills through the use of computer graphics software to create drawing, the use of document processing to make newsletter and the use of presentation software to create presentation slides. The alloted time includes time for submitting the required work.  Project 1	50 50 37	50'