



Sec 1 Academic Talk

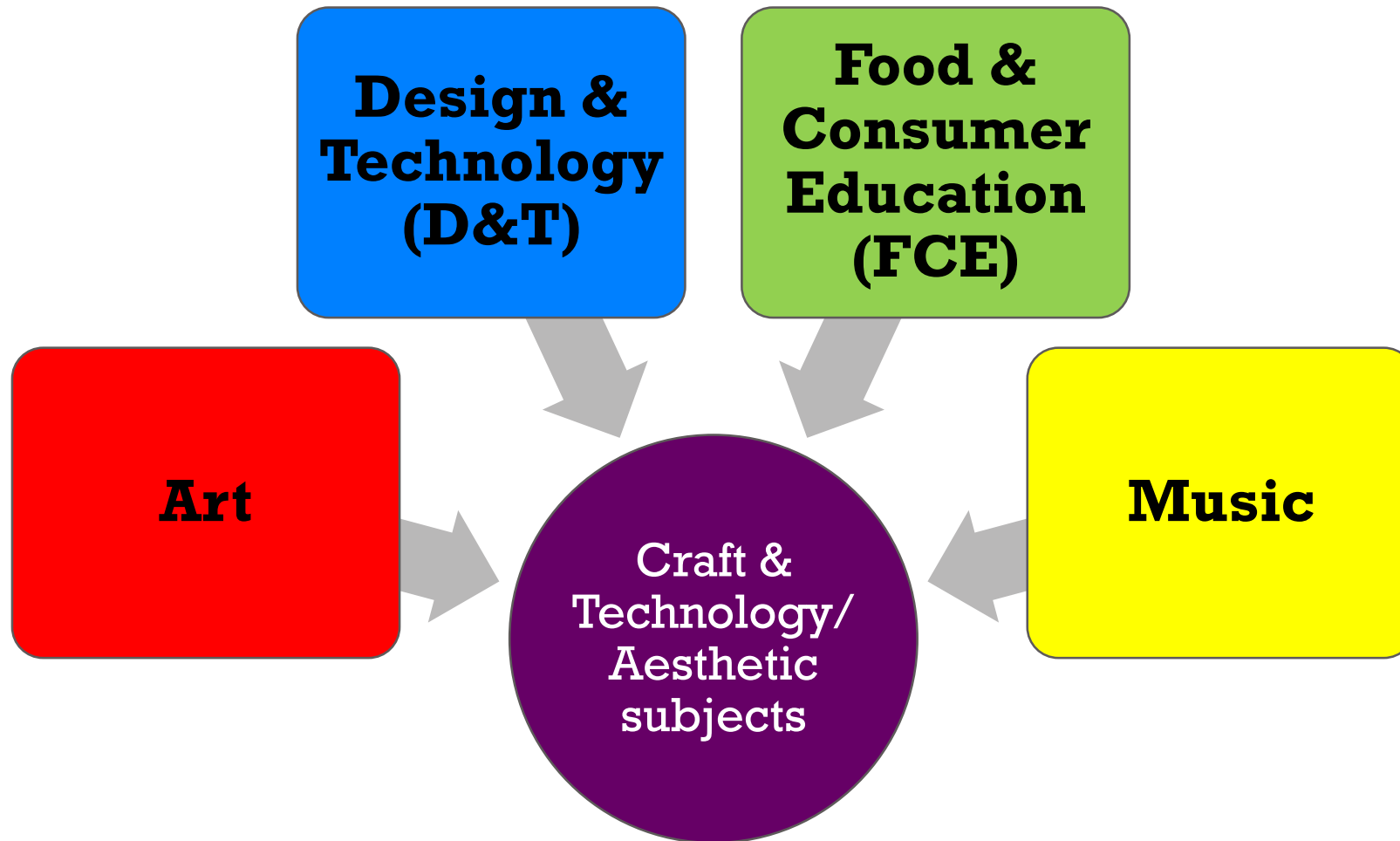
(Craft & Technology/Aesthetic)

05 January 2018

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CRAFT & TECHNOLOGY/AESTHETIC SUBJECTS



SO WHAT IS ART / D&T / FCE / MUSIC?

Similarities: All 4 subjects...

- Involve a common element of **DESIGN**
 - A design process is involved
- Require student to exercise critical **THINKING**
 - Problem-Solving and think 'Designerly'
- Application **Project-Based** subjects
 - Require student to do much independent and consistent research / work with academic self-discipline



C&T PERIODS ALLOCATION – LOWER SEC

Art

- Whole year (Weekly)
- 2 lesson periods per week

D&T / FCE

- Whole year (Bi-Weekly)
- 3 lesson periods per week

Music

- Whole year (Weekly)
- 2 lesson periods per week

*Each period is 35min





ART

The expression of human creative skill and imagination

LOWER SECONDARY ART @ KCPSS

Visually Literate

Being visually literate, you are able to **observe, understand and make meaning of what you see.**

You are also able to **communicate your ideas by using and creating visuals.**

Appreciate Art

You will be able to see the **value and recognise the relevance of art in your life.**



Art Lower Secondary Curriculum

Level	Art
Secondary 1	ART-Effect <ul style="list-style-type: none">• Introduction to Elements of Art<ul style="list-style-type: none">• 2-D Class Project assignments• Basic Pottery Making
Secondary 2	ART-Market Place <ul style="list-style-type: none">• Introduction to Design Principles of Art<ul style="list-style-type: none">• Logo Design• Packaging Design• Fine Art (Painting)

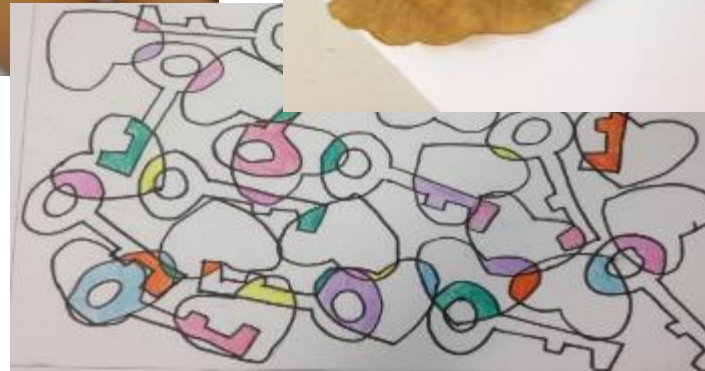
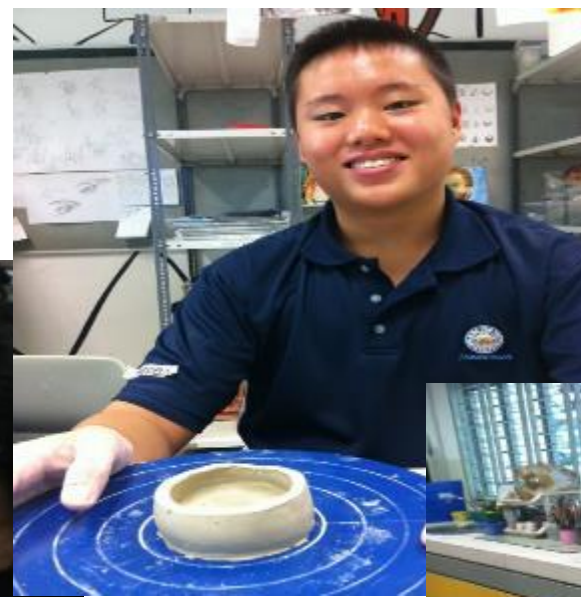


SEC 1 ART CURRICULUM

(ART-EFFECT)



ART (SEC 1) – ART-EFFECT

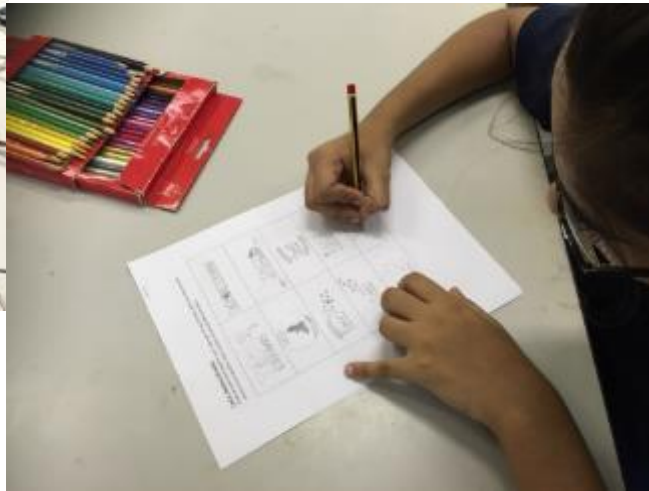
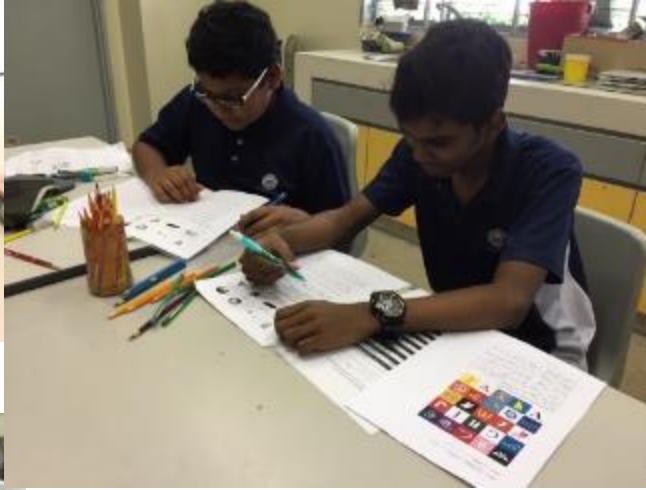


SEC 2 ART CURRICULUM

(ART-MARKET PLACE)



ART (SEC 1) – ART-MARKET PLACE



ART SEC 1 ASSESSMENT PLAN

Component	Weightage
Class Assignments (2D)	40%
Design Project	15%
Basic Pottery (3D)	45%



KUO CHUAN PRESBYTERIAN SCHOOL

10, Bishan St 13, Singapore 579795
Tel: 62593811 Fax: 63536535

Secondary 1 Art Assessment Plan

Your overall Art performance in Secondary 1 will be graded based on the following assessment plan:

Semester 1 Art Assessment Plan (40%)				
Continual Assessment 1 (CA1) - (15%)			Semestral Assessment 1 (SA1) - (25%)	
Component	Deadline		Component	Deadline
1 Shapes and Forms (10%)	Term 1 Week 6	1	Shading of Forms (12.5%)	Term 1 Week 9
2 Tone and Value : Bar Chart (5%)	Term 1 Week 7	2	Colour Assignments (12.5%)	Term 2 Week 6

Semester 2 Art Assessment Plan (60%)				
Continual Assessment 2 (CA2) - (15 %)			Semestral Assessment 2 (SA2) - (45%)	
Component	Deadline		Component	Deadline
1 Design Project (Part 1) (7.5%) Research, Sketches, Specifications	Term 2 Week 3	1	Pottery Research (20%) Research, Sketches, Specifications	Term 3 Week 3
2. Design Project (Part 2) (7.5%) Final Design	Term 2 Week 6	2	Pottery Making (25%) Process Making & Final Product	Term 3 Week 9

I have read and understood the Secondary 1 Art Assessment Plan given above.

Name of Student _____

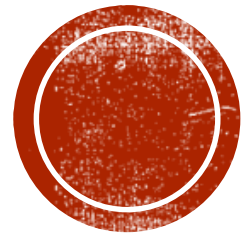
Name of Parent / Guardian _____

Signature of Student _____

Signature of Parent / Guardian _____

Sec 1 _____ ()
Class Index No

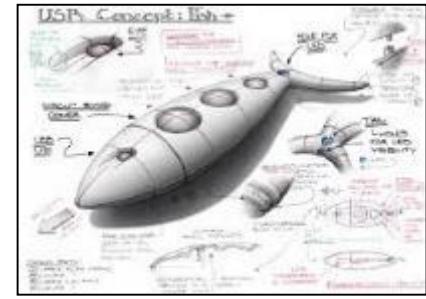
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DESIGN & TECHNOLOGY

Design is Everywhere

DESIGN & TECHNOLOGY AS A SUBJECT



- **Problem-solving design activities (Product design)**
 - Critical & Inventive Thinking
 - Graphic communication skills: sketch or using ICT
- **Application of technology in product design**
 - 3 aspects of Technology
 - Electronics, Mechanisms, Structures
- **Awareness of materials and basic processes**
 - Product realisation skills through practical projects





Lee Hsien Loong

2 Feb at 22:29 • 🌐



A few days ago, Kirsten Tan became the first Singaporean to win a **#Sundance** Award. Now another young Singaporean has made his mark in the international design field. A smart bicycle helmet co-created by Ding Eu-wen has won in the Transport category of the 2016 Beazley Designs of the Year by the London **Design Museum**!

Eu-wen's **Lumos Helmet** has embe... [Continue reading](#)



Singaporean's smart bicycle helmet bags international design award

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Singaporean's smart bicycle helmet bags international design award



Mechanical engineer Ding Eu Wen with prototypes of the Lumos helmet that he designed. PHOTO: LUMEN LAB



PUBLISHED JAN 31, 2017, 9:17 AM SGT



D&T Lower Secondary Curriculum

Level	D&T
Secondary 1	Design Discovery <ul style="list-style-type: none">• Appreciation of design• Exposure to product design (Toy Vehicle Display Unit)• Application of technology through projects
Secondary 2	Design Community <ul style="list-style-type: none">• Designing through the Design Process• Design for community (Theme: Serving)• Portfolio showcase

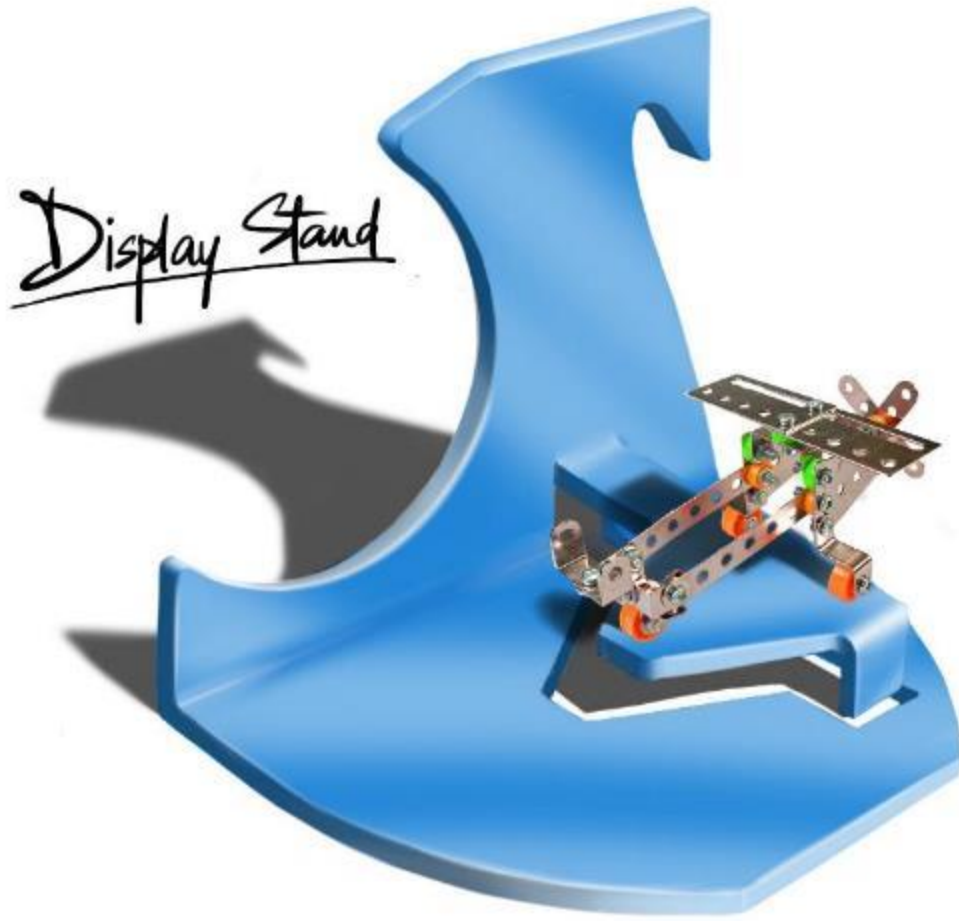


SEC 1 D&T CURRICULUM

(DESIGN DISCOVERY)



TOY VEHICLE DISPLAY UNIT (PLASTICS – ACRYLIC)



Trike



Scooter



Forklift



Race Car



Bicycle



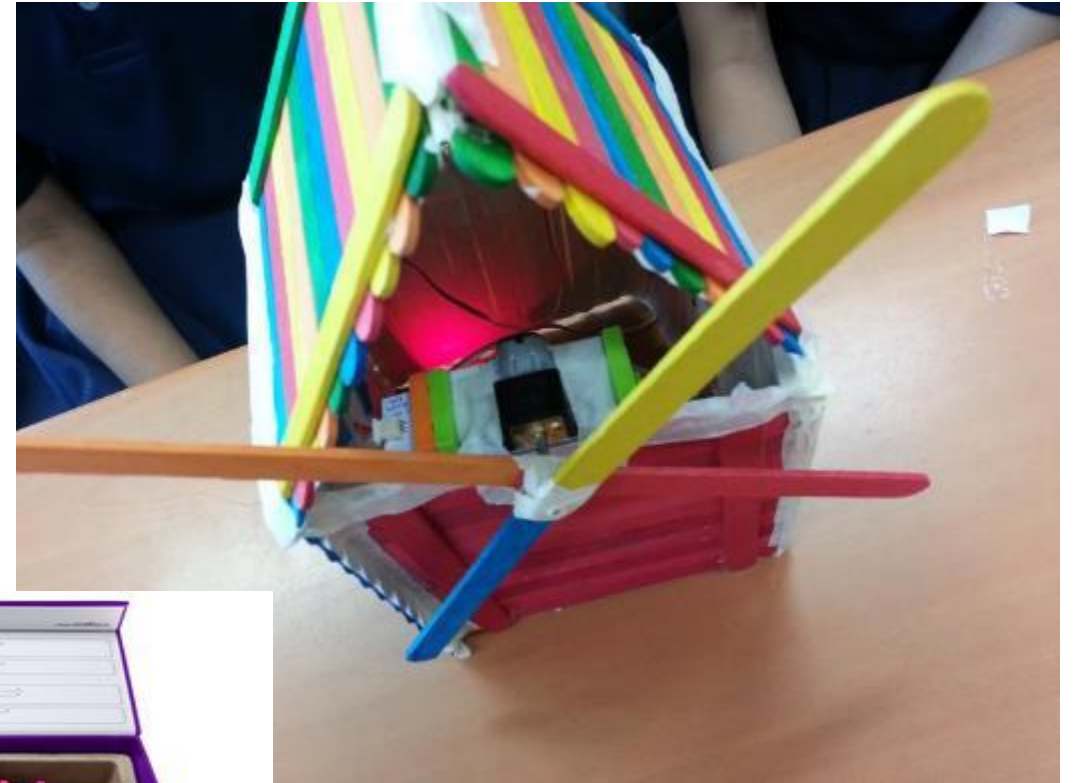
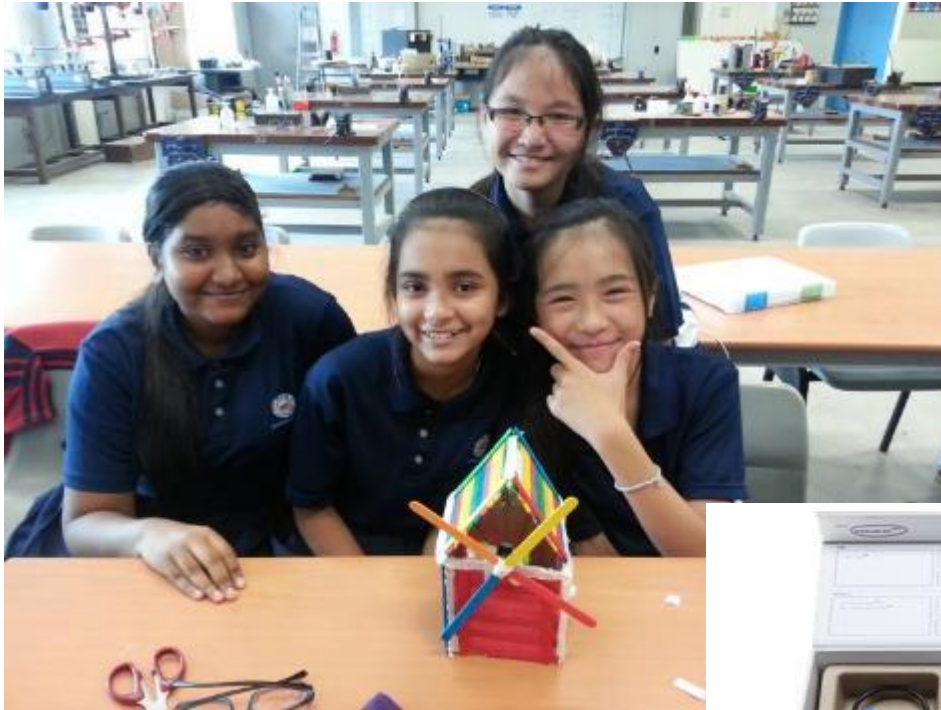
Buggy



Aeroplane



TECHNOLOGY (ELECTRONICS)



**LITTLE-BITS
ELECTRONIC KITS**

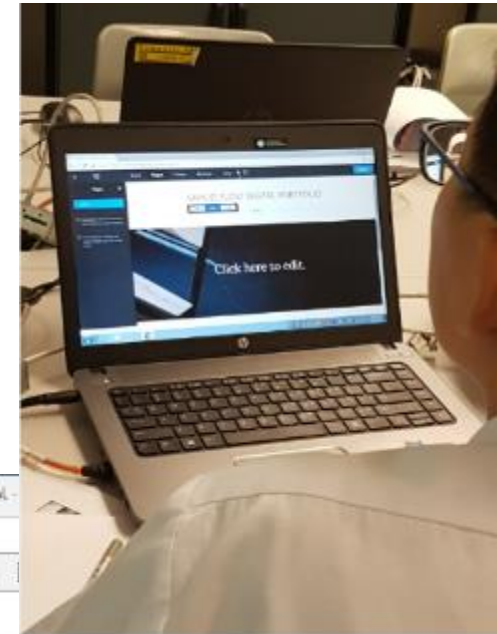
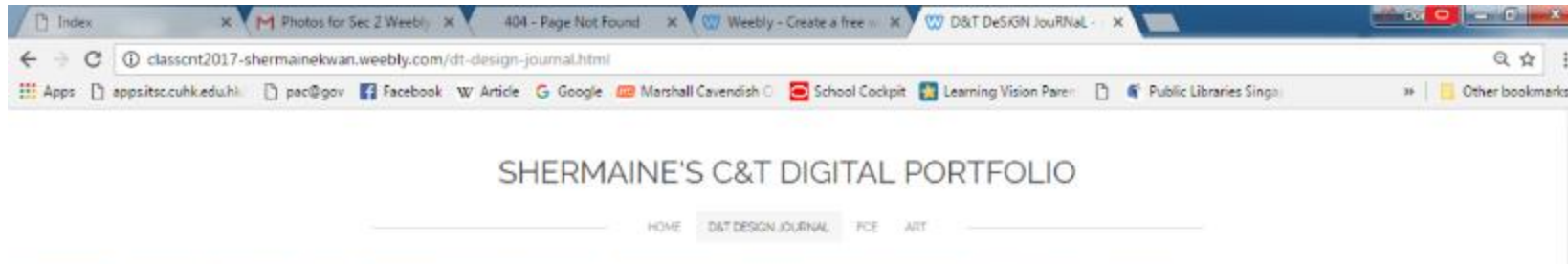


SEC 2 D&T CURRICULUM

(DESIGN COMMUNITY)



USE OF ICT - CNT DIGITAL PORTFOLIO (WEEBLY)



DeSIGN PRoBLem

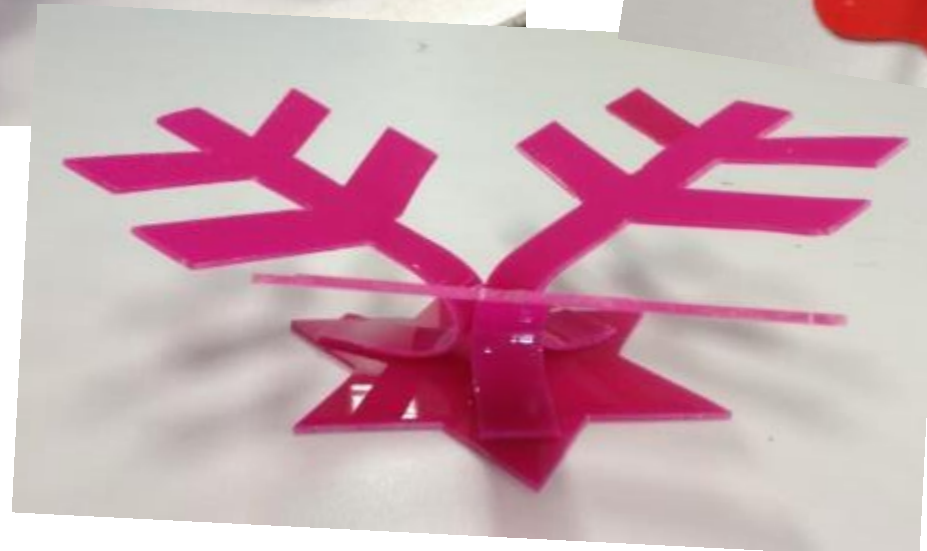


This picture is taken from https://www.tripadvisor.co.uk/LocationPhotoDirectLink-g294009-d1071809-464511825-Thai_Snack_and_Massage-Doha.html

We are secondary school student patrons of a cafeteria who usually eat out after school. While dining in the cafeteria, we require different sauces to go with the different dishes we ordered; however, the sauces all seem to look alike and thus, we often use and take the wrong sauces. Due to this problem, many patrons are not satisfied with the taste of the food served and hence, the business of the cafeteria has been affected.

DeSIGN BRIEF

PROJECT – WORKING WITH ACRYLIC (THEME: SERVING)



D&T SEC 1 ASSESSMENT PLAN

Component	Weightage
Written Tests (Theory)	35%
Coursework Assessment	65%



KUO CHUAN PRESBYTERIAN SCHOOL

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Secondary 1 D&T Assessment Plan (ver3)

Your overall D&T performance in Secondary 1 will be graded based on the following assessment plan:

Secondary 1 D&T Assessment Plan (100%)									
Continual Assessment 1 (CA1)					Semestral Assessment 1 (SA1)				
Component			Deadline *		Component			Deadline *	
			Group A	Group B				Group A	Group B
1	Isometric Sketching (Assignment)	15%	Term 1 (Week 5)	Term 1 (Week 4)	1	Isometric Sketching (Assessment)	5%	Term 1 (Week 5)	Term 1 (Week 4)
					2	Workshop Safety (Quiz)	10%	Term 1 (Week 7)	Term 1 (Week 6)
					3	Idea Generation (2D) (4-Ideas)	10%	Term 2 (Week 3)	Term 2 (Week 2)
Sub-Total		16%			Sub-Total		26%		
Continual Assessment 2 (CA2)					Semestral Assessment 2 (SA2)				
Component			Deadline *		Component			Deadline *	
			Group A	Group B				Group A	Group B
1	Design Critique	5%	Term 2 (Week 1)	Term 1 (Week 10)	1	Artefact (Vehicular Toy Display Unit)	25%	Term 3 (Week 4)	Term 3 (Week 3)
2	Idea Generation (3D) (Final Design)	5%	Term 2 (Week 3)	Term 2 (Week 2)	2	Electronics (LittleBits Project)	20%	Term 4 (Week 2)	Term 4 (Week 1)
3	Practical Assessment	5%	Term 2 (Week 5)	Term 2 (Week 4)					
Sub-Total		16%			Sub-Total		46%		

(*) Subjected to changes for classes whose lessons are affected by public/school holidays and school official events.

I have read and understood the Secondary 1 D&T Assessment Plan given above.

Name of Student _____

Name of Parent / Guardian _____

Signature of Student _____

Signature of Parent / Guardian _____

Sec 1 _____ ()
Class Index No

Date _____

Group _____



FOOD & CONSUMER EDUCATION

Food is our common ground, a universal experience.

FOOD & CONSUMER EDUCATION (FCE)



FCE is designed to empower students to be **health-conscious and discerning consumers**



Focus on how individuals and families can optimize their **resources (food, finance and time)** to meet physical, mental, social & economic needs

FCE Lower Secondary Curriculum

Level	FCE
Secondary 1	Chef@Play <ul style="list-style-type: none">• Introduction to basic culinary skills• Consumer Education (Financial Literacy)• Design of a healthy meal for a person who has a diet-related disease.
Secondary 2	Chef@Community <ul style="list-style-type: none">• Exposure to the different ethnic cultures and practices• Consumer Education (Media Literacy)• Design of healthier dishes



SEC 1 FCE CURRICULUM

(CHEF @PLAY)



FCE (SEC 1) – CHEF@PLAY

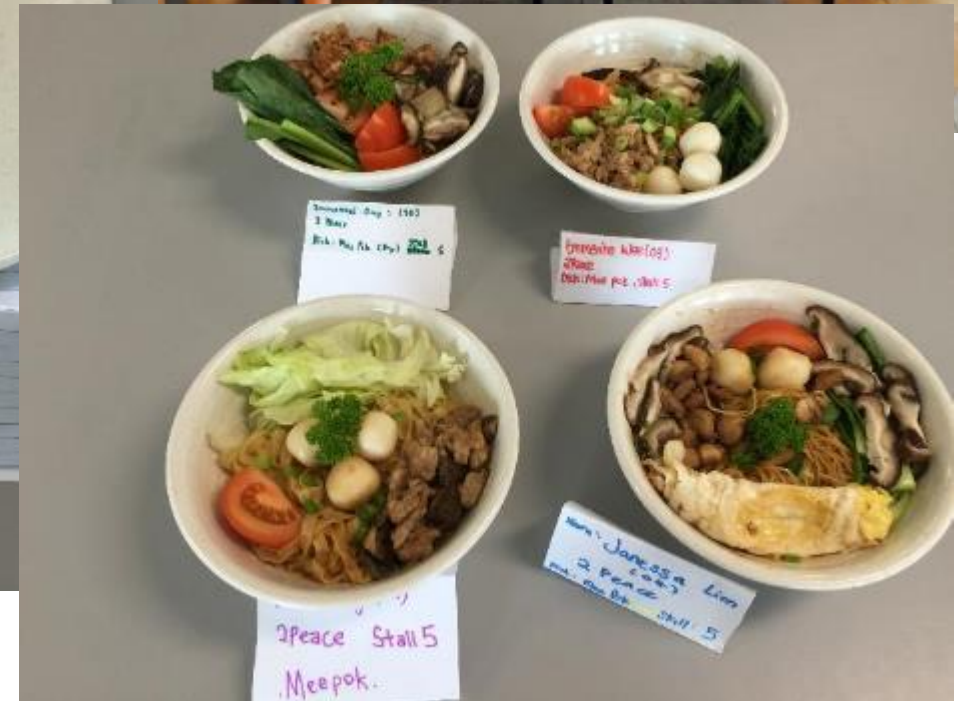
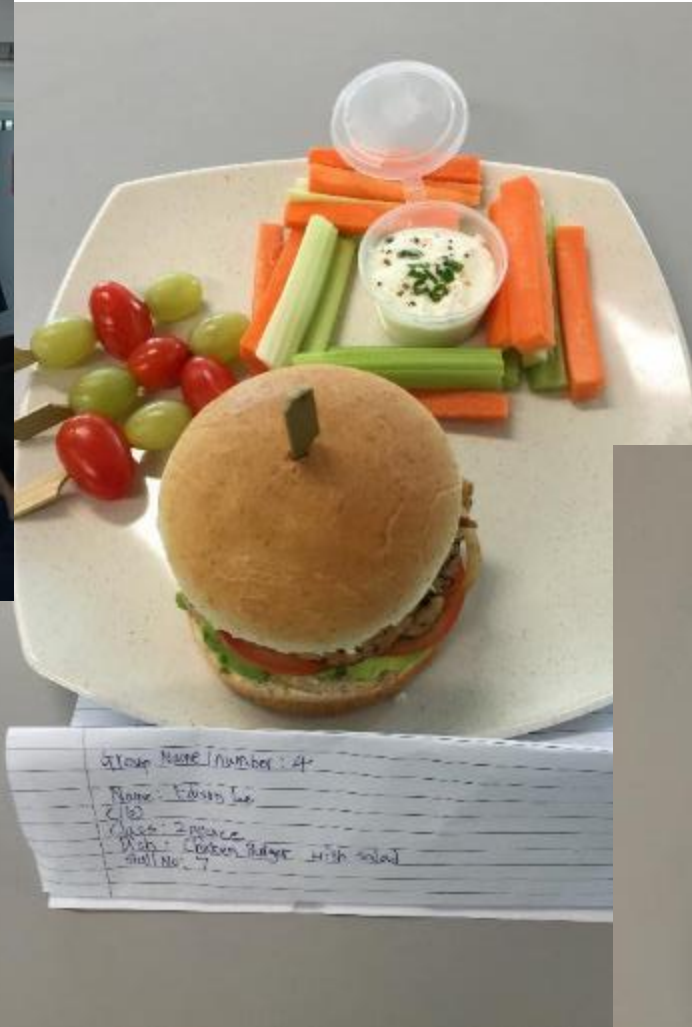


SEC 2 FCE CURRICULUM

(CHEF @ COMMUNITY)



FCE (SEC 2) - CHEF @ COMMUNITY



FCE SEC 1 ASSESSMENT PLAN

Component	Weightage	
	Exp	NA
Written Tests (Theory)	30%	20%
Coursework Assessment	20%	25%
Practical Assessment	50%	55%



KUO CHUAN PRESBYTERIAN SCHOOL
10, Bishan St 13, Singapore 579795
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Secondary 1 FCE Assessment Plan (Express)

Your overall FCE performance in Secondary 1 will be graded based on the following assessment plan:

Secondary 1 FCE Assessment Plan (100%)							
Continual Assessment 1 (CA1)				Semestral Assessment 1 (SA1)			
Component			Deadline *	Component			Deadline *
1	Practical 1 – Homemade Burger	7.5%	Term 1 (Week 6)	1	Common Test 1	15%	Term 2 (Week 1)
2	Practical 2 – Tomato Based Spaghetti	7.5%	Term 1 (Week 8)	2	Group Project (Research)	10%	Term 2 (Week 4)
Sub-Total		16%		Sub-Total		26%	
Continual Assessment 2 (CA2)				Semestral Assessment 2 (SA2)			
Component			Deadline *	Component			Deadline *
1	Practical 3 – Shepherd's Pie	7.5%	Term 2 (Week 2)	1	Group Project (Presentation)	10%	Term 3 (Week 2)
2	Practical 4 – Mee Soto with Dumplings	7.5%	Term 2 (Week 6)	2	Individual Practical Test	20%	Term 3 (Week 4)
				3	Common Test 2	15%	Term 3 (Week 6)
Sub-Total		16%		Sub-Total		46%	

(*) Subjected to changes for classes whose lessons are affected by public/school holidays and school official events.

I have read and understood the Secondary 1 FCE Assessment Plan given above.

Name of Student _____

Name of Parent / Guardian _____

Signature of Student _____

Signature of Parent / Guardian _____

Sec 1 _____ (_____)
Class Index No

Date _____

Group _____



MUSIC

Let music flow in your heart and enrich your soul.

GENERAL MUSIC EDUCATION



Develop **awareness**
and appreciation of
music in **local and**
global cultures



Develop ability for
creative expression
and communication
through music



Provide the basis to
develop an **informed**
and life-long
involvement in music



Music Lower Secondary Curriculum

Level	Music
Secondary 1	Face the Music! <ul style="list-style-type: none">• Introduction to Musical Elements and Concepts• Create and perform using musical instruments
Secondary 2	Music in Community <ul style="list-style-type: none">• Appreciation of Local and Global Music Cultures• Exposure to Music Technology• Compose and perform their own song



SEC 1 MUSIC CURRICULUM

FACE THE MUSIC!



MUSIC (SEC 1) – FACE THE MUSIC!



SEC 2 MUSIC CURRICULUM

MUSIC IN COMMUNITY



MUSIC (SEC 2) — MUSIC IN COMMUNITY



MUSIC SEC 1 ASSESSMENT PLAN

Component	Weightage
Written Assignments	20%
Coursework Assessment	30%
Music Performance (Group)	50%



KUO CHUAN PRESBYTERIAN SCHOOL

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Secondary 1 Music Assessment Plan

Your overall Music performance in Secondary 1 will be graded based on the following assessment plan:

Secondary 1 Music Assessment Plan				
Semester 1 - (100 %)			Semester 2 - (100%)	
Component	Deadline		Component	Deadline
1 Group Box Notation Performance (40%) • Box notation worksheets (20%) • Group performance (20%)	Term 1 Week 9		1 Instrumental Performance (40%) • Class performance on Boomwhackers	Term 3 Week 5
2 Group Upcycling Instruments (30%) • Instrument artefact (20%) • Presentation (10%)	Term 2 Week 5		2 Individual Music Theory Test (30%)	Term 3 Week 9
3 Individual Music File: (15%) • Journals Q.1-7	Term 1 Week 10		3 Individual Music File: (30%) • Journals Q. 1-10	Term 3 Week 9
3 Individual Music File: (15%) • Journals Q.8-10	Term 2 Week 8			

*Music mark percentage will be converted into music grades as follows:

Percentage (%)	Grade
70% and above	A
60% - 69%	B
50% - 59%	C
49% and below	D

I have read and understood the Secondary 1 Music Assessment Plan given above.

Name of Student _____

Name of Parent / Guardian _____

Signature of Student _____

Signature of Parent / Guardian _____

Sec 1 _____ ()
Class _____ Index No _____

Date _____

Thank You for your Kind Attention!

Mr Chua Chee Yong

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6259 3811 Ext 233



SCHOOL VISION

EVERY KCPIAN A SERVANT LEADER AND SCHOLAR