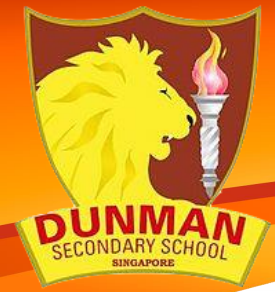


C&T Department

Subject offerings & Electives
For Sec 3 (2023)



Subject offerings

Design &
Technology
(D&T)
7059

**3Exp
Students**

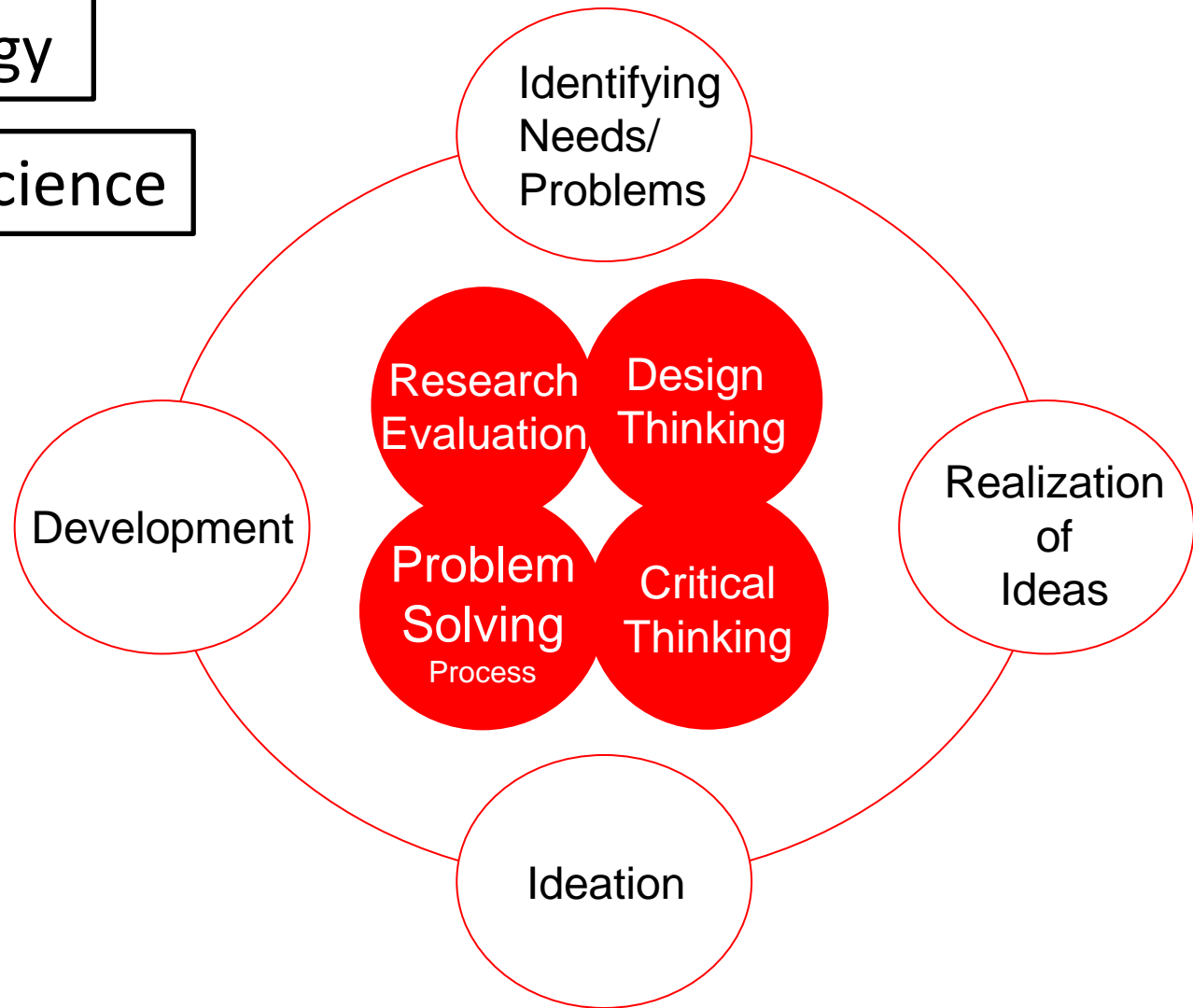
Nutrition &
Food Science
(NFS)
6097

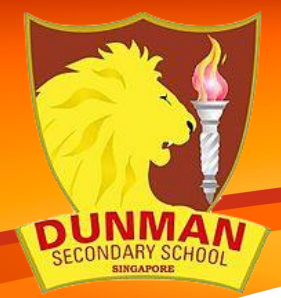
**3NA
Students***

* 3NA student to choose between D&T or NFS

Design & Technology

Nutrition & Food Science



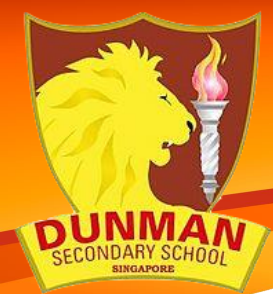


Design and Technology (D&T) - 7059

Aim: To foster values and develop dispositions for **enterprise, creativity** and **innovation** through research and exploration, idea and development and communication.

Assessment Objective:

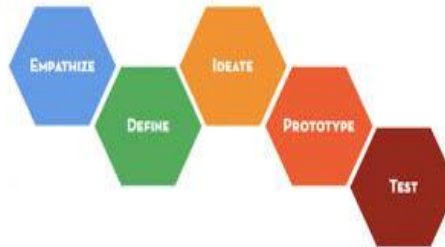
To assess knowledge with understanding, design problem solving and realization of design solution.



Syllabus

Paper 1 (Theory)

Written Paper – 40%



Design Thinking

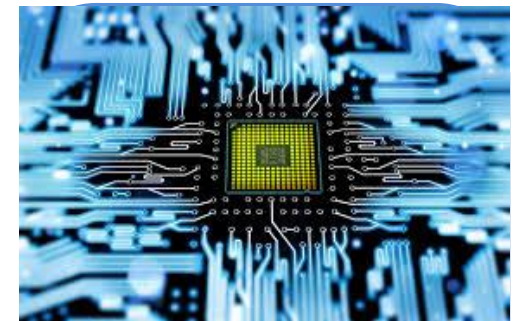


Structure

How Technology Works

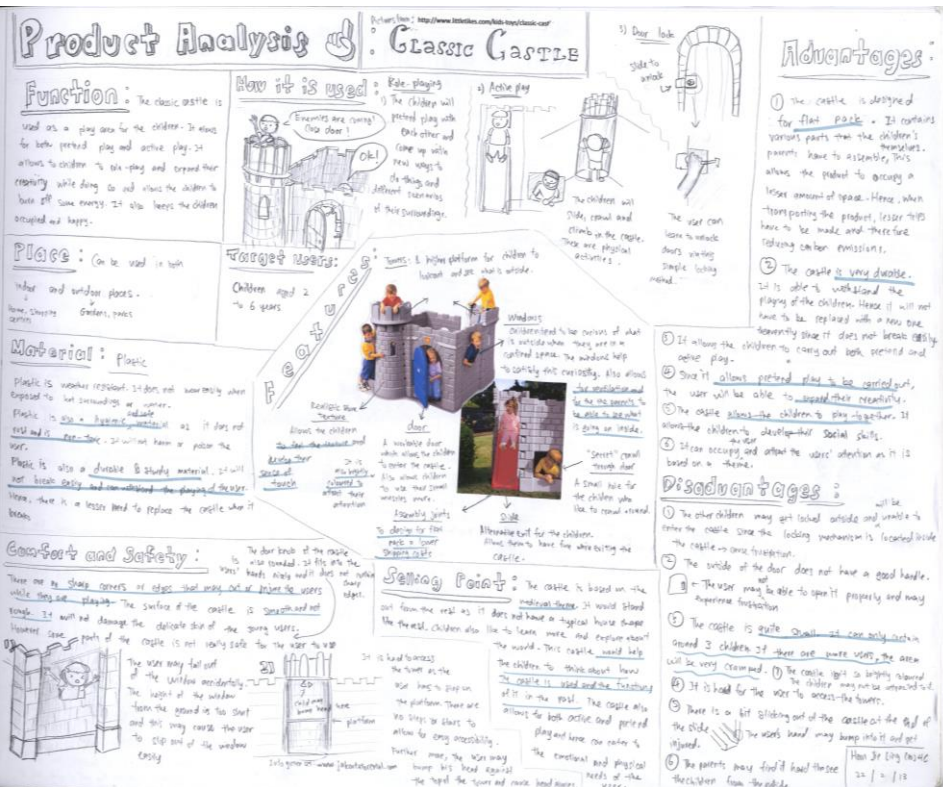


Mechanism

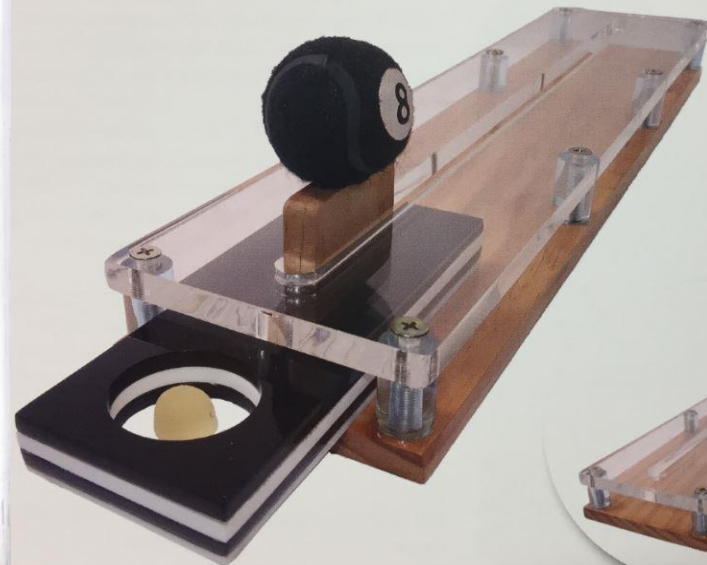
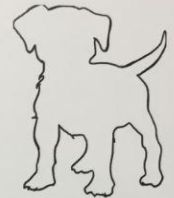


Electronics

Paper 2 (Coursework) – 60%

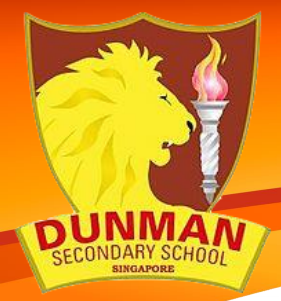


A dog's treat accessory. It functions as a toy for dogs that dispenses treats. To get the treat, the dog has to slide the ball along the track using its mouth, nose or paws to expose the tray containing the treat.



Journal

Prototype



Nutrition & Food Science (NFS) - 6097

Aim: To develop candidates understanding of the concept of **nutrition**, meal planning, **link between diet and health**, and **principles** of food science.

Assessment Objective:

To assess knowledge and Understanding, Analysis, Planning, Application and Evaluation

Paper 1

Written Paper – 40%



How food affects us?



Protein



Fats



Meal Planning



Carbohydrates



Food Science

Paper 2 Coursework – 60%



Coursework



Dishes



Perseverance

Global awareness

Responsible

Make decision

Time Management

Not Procrastinate

Communication

Discerning

Resourceful

Culture

Curious

Caring

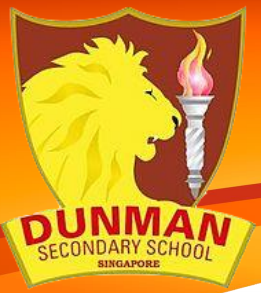
Creative

Observant

Social skills

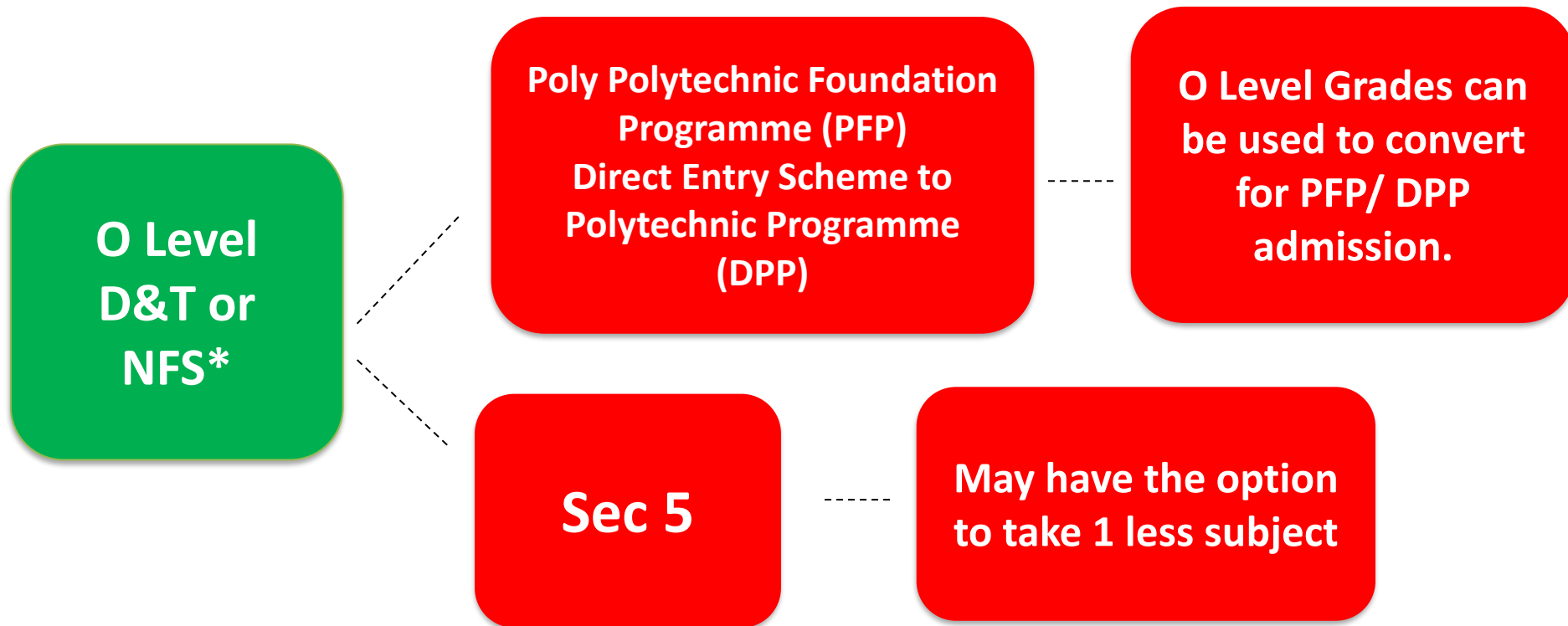
Critical Thinking

Reflective

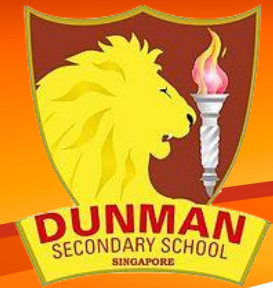


Out of subject offering

For 4NA Students



* Provided that student does not have more than 3 O lvl subject offerings.



Misconception & Reality

Misconception

D&T Coursework

TRAIN
to be
Technician

NFS Coursework

TRAIN
to be
Chefs

It is all
about
COOKING

Reality

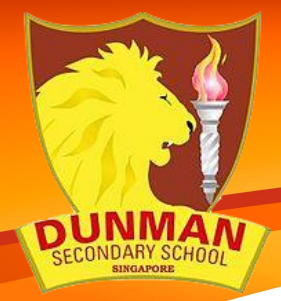
It is
TIME
consuming

RELEVANCE
after
O Levels
JC ,Poly

JC
**Project
Work**

Poly
Engineering
Design
Architecture
Food Science
Any Course

RELEVANCE
To the
world



2023

D&T

NFS

The End

Click [here](#) for more information