

## **Dominican International School Kaohsiung**



### **Course Syllabus**

**Subject:** ICT

**Grade:** 4

**School Year:** 2023 - 2024

**Teacher:** Mr. Hidalgo

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### **Course Description:**

This course will allow students to use many features of the computer world in a more safe and secure manner. They will be taught how to maintain and create strong and complex passwords and how to store them. They will then be taught about all the different file formats that are used in everyday life, which files are safe and not safe. They will also gain an understanding of computer malware and how to protect themselves. They will then be given an introduction to the world of programming and coding through the "Scratch" Programming language.

### **Course Textbooks/Programs:**

None

### **Class Materials Required:**

- The course will be conducted through lectures, discussions, practice material, projects, and student presentations. Students are strongly encouraged to raise questions and make comments in class. Participation is the key to success.
- Students are required to complete each assignment by the date that it is assigned. Staying on track with assignments will facilitate understanding of the class material.
- Google Classroom is available to each student. If there is difficulty in completing the assignments, the teacher must be notified before class the next day.
- Students are encouraged to communicate concerns to teachers and ask for help as needed throughout the school year.
- Students are expected to organize their own class materials and to keep their work neat and tidy. Parents are encouraged to help students by labeling personal items with identification stickers with the student's name in English.
- Students will observe all school policies as outlined in the DISK Handbook. This includes arriving at school on time, abiding by the dress code and speaking only English on the school grounds.

- Students will observe all school policies on Academic Honesty, as outlined in the DISK Handbook. All cases of academic misconduct (such as cheating on tests or plagiarism) will automatically result in a "Fail" grade for the assignment, in addition to any sanctions that may be imposed by the School Discipline office.

### **Classroom Expectations**

In order to promote a safe and positive classroom community and an environment conducive to learning, all students will follow the classroom **ICT** Expectations:

- No Food or Drink to be taken into the ICT Lab.
- Teachers' instructions must be followed.
- No touching the computer during boot.
- Always treat the computers with respect.
- While computers are on. Everyone must be seated.
- Raise your hand for questions.
- All work must be saved in google drive.
- Do not push the buttons to turn off the computer.
- Do not touch any of the electrical cables in and around the computer.

Students are also expected to follow the Student Handbook along with classroom procedures such as arriving to class quietly, bringing everything they need, and asking questions when needed.

### **Assessment:**

Formative, summative, and pre-assessments in the form of projects, quizzes, homework assignments, presentations, quizzes, tests, and quarter exams contribute to the final quarter grade. In addition, students will be assessed for deportment following the D<sup>OP</sup> STARS Expected School-wide Learning Results (ESLRS) which are Spiritual, Truthful, Active, Responsible and Studious.

30% Class Participation  
 30% Minor Projects, Portfolio, Unit Tests & Major Projects  
 30% Quarter Exam/Assessment  
 10% Deportment

## Quarter One - Pacing Guide

Week/Dates	TOPIC/TARGETS
1	Media Balance and Well-Being.
2	Privacy and Security
3	Our Online Tracks
4	Keeping Fun and Friendly
5	Be a Super Digital Citizen
6	A creator's Rights and Responsibilities
7	Hands-On/Practicum
8	Quarterly Exam.

## Quarter Two - Pacing Guide

Week/Dates	TOPIC/TARGETS
1	Computer Networks
2	Types of Networks
3	Connecting to the Internet
4	Getting Started with the Internet
5	Advantages and Disadvantages of Internet
6	Performance Task
7	Review
8	Prepare for Exam
9	Exam

## Quarter Three - Pacing Guide

Week/Dates	TOPIC/TARGETS
1	What is Cybercrime?
2	Cybercrime Laws
3	Determine and discuss what Malware is;
4	How to prevent malware attacks?
5	How to protect privacy online?
6	Data Breaches
7	Review
8	Prepare for Exam
9	Exam

## Quarter Four- Pacing Guide

Week/Dates	TOPIC/TARGETS
Week 30 March 22-26	Introduce Programming languages and an overview of how Scratch works.
Week 31 April 6-9	Introduce Variables and Operators.
Week 32 April 13-17	How to write cleaner code with the use of Loops.
Week 33 April 12-16	To create more advanced programs using If / Else Statements.
Week 34 April 26-30	Begin Final Project
Week 35 May 3-7	Continue Final Project.
Week 36 May 10-14	Review for Exam
Week 37 May 17-21	Exam
Week 38 May 24-28	Preview of Next Quarter.