KOREA KENT FOREIGN SCHOOL
Accredited by the Western Association of Schools and Colleges

619-30, GUUI-DONG, KWANG JIN-GU, SEOUL, KOREA   143-200
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Title: Computer Science
Course Number: Grade 7
Grade Level: Middle School - Grade 7
Prerequisite: Grade 6
Instructor: Mr. Montague

Prerequisite: (What you need to know before you take this course)
There is no official prerequisite for this course. It is expected, but not required, that students taking this course will have had some experience using a personal computer to manage files and access the internet.

Main Goal: (What you will learn)
Throughout the year students will be looking at answering two essential questions:
- How do we communicate?
- Does how we communicate change what we communicate?

Through the exploration of these questions the class will begin the year in the first quarter studying how to easily and efficiently incorporate computers into their daily scholastic lives. To achieve this, students will be introduced to the basic working environment of the Microsoft operating system, Windows 7. In the second quarter students will be learning how computers store and use data. In the third and fourth quarters students will be learning basic video editing techniques with a final summative project produced in the fourth quarter. Students will also be instructed on proper typing techniques using the program Mavis Beacon.

Evaluation Techniques: (How you will be graded)
Student progress and understanding will be evaluated through a combination of tests, examinations, written and practical assignments, individual and group projects, with consideration given to homework completion and class participation. Class participation includes arriving to class on time, with the required materials, and being prepared to take part in all class activities. **Note: It is the responsibility of the student to follow up on all materials covered and assignments on missed days.**

Semester Grading Scale:
In-class-work: 30%
Assignments: 20%
Quizzes: 20%
Projects: 20%
Participation: 10%

Materials: (What you need to bring to each and every class)
Students are required to purchase writing materials such as a pen or pencil and a small notebook for note taking and journal entries. As previously mentioned, it is the student's responsibility to arrive to class with the required materials.

Objectives:

Upon completion of the course students will be able to:

- Use keyboards to reach an appropriate level of proficiency (25 WPM) with correct fingering
- Use the Windows 7 operating system to:
  - Manage files and folders
  - Customization of the operating system
  - Maintain the computer through defragging
  - Installing additional fonts
  - Change the language settings of the computer
  - Safely add and remove programs
- Demonstrate a basic understanding of how data is stored and accessed in a computer
- Demonstrate an understanding of basic video editing techniques
- Create video presentations that demonstrate an understanding of cross curricular concepts