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

**619-30, GUUI-DONG, KWANG JIN-GU, SEOUL, KOREA   143-200**
**Tel : 82-2-2201-7091~2   Fax : 82-2-2201-7090   Email : kkfs@kkfs.org**

**Title:** Computer Science
**Course Number:** Grade 8
**Grade Level:** Middle School - Grade 8
**Prerequisite:** Grade 7 Computers
**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 networks and the Internet work. In the second quarter, students build on their knowledge of the Internet and learn how to build basic web pages using HTML. During the third and fourth quarters, students will be introduced to the world of computer programming using the graphical interface program, Scratch.

**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 (being late to class 3 times will result in losing 1% from your participation grade)
- arriving to class with the required materials
- actively taking part in all class activities and discussions
- completing work on time

**Note: It is the responsibility of the student to follow up on all materials covered and assignments on missed days.**

**Grade Breakdown:**

| | |
|---|---|
| In-class-work: | 30% |
| Assignments: | 30% |
| Project: | 15% |
| Tests: | 15% |
| Participation: | 10% |

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**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:
- Identify the different equipment used in the transmission of HTML documents over the internet
- Describe how an HTML document is transmitted from one location to another
- Evaluate websites for education purposes
- Use the Internet ethically and with integrity
- Create, edit, and save HTML documents
- Make, modify, and share Scratch applications
- Demonstrate an understanding of the development process involved in creating applications