

# Information and Communication Technologies Grade 6

[Randall A Grove@mcpsmd.org](mailto:Randall_A_Grove@mcpsmd.org)

## Course Description:

Today's students need to be critical thinkers, problem solvers, and effective communicators who are proficient in both core subjects (math, English, science, social studies) and new 21st century skills. In the world of global collaboration, instant communication, and rapid advancements in technology, it is imperative that students learn Information and Communication Technology (ICT) knowledge and skills. Course outcomes are based on the Maryland Technology Literacy Standards for Grades PreK-8 and the Maryland State Department of Education Voluntary State Curriculum for technology education.

In this ICT – Grade 6 semester course, students use technology in a rigorous, inquiry- and project-based learning environment that promotes relevance and engagement. Students acquire knowledge and skill sets connected to grade 6 content areas involving the use of application, web-based, and multimedia tools. Programming concepts will be applied to the development of games, educational simulations, and robotic products.

## Instructional Approach

Instruction for ICT will use rigorous and engaging problem-based inquiries and web quests to frame the learning. Technology lessons will be infused to provide students with the hands on skills to complete tasks and solve problems. Emphasis will be placed on learning technology as a support, not as a means to an end.

## Grading Policy

Grades will be determined on academic achievement on individual performance based on MCPS standards. The grade will be determined by quizzes, drawings, reports and projects based on the rubric and weight of the assignment. Work not attempted will be recorded as a zero. Work turned in after the deadline will be recorded as 50%.

### Grading Scale

<b>A</b>	<b>90—100%</b>
<b>B</b>	<b>80—89%</b>
<b>C</b>	<b>70—79%</b>
<b>D</b>	<b>60—69</b>
<b>E</b>	<b>59% and below</b>

### Overall Grading Rubric

**A—Students demonstrates a full and complete understanding of the indicators.**

**B—Students demonstrates a good understanding of the indicators.**

**C—Students demonstrates a basic understanding of the indicators.**

**D—Students demonstrates some understanding of the indicators.**

**E—Students demonstrates little or no understanding of the indicators.**

## Learning Skills and Meeting Course Objectives:

**Mastery:** Graded assignments that will reflect individual achievement of MCPS indicators will be recorded as percents; 50%--formative, 40%--summative and 10%--preparation for instruction or homework. They are included on the report card as a letter grade (A, B, C, D, E). Grades will reflect individual achievement of the MCPS standards for a specific marking period.

## GRADE UPDATES

Grades entered in a teacher's electronic grade book are automatically uploaded to Edline on a nightly basis from Sunday through Thursday. Both students and parents should log into Edline regularly to check grades and missing assignments. Activation codes for new Edline accounts will be sent to parents during the second week of school.

Learning Skills: Non-academic indicators that influence student achievement

- Participation: asking questions, giving ideas, using feedback, engaging in learning
- Task completion: completing homework and class work.

## MATERIALS

- You will need a notebook or one section of a binder for as well as a pencil or pen.

## Late Work and Missing Work

- Each assignment will have a **due date**. This is the date by which students are expected to submit the assignment. Your grade will drop one letter grade (10%) if it is not turned in by the due date.
- The **deadline** is the last day an assignment will be accepted for a grade. Work not turned in by the deadline will be considered **missing**.
- Missing work will be recorded in the grade book as a 0%.

## Revision of student work:

- Reassessment opportunities are identified by the teacher before the original task/assessment.
- All students may be reassessed one time per task/assignment, regardless of grade on original task/assessment, if they meet the following requirements: complete the original task or assessment, complete required assignments, and complete reteaching/relearning activities, as determined by the teacher.
- Some formative assessments, such as quizzes, may be taken a second time; however, the second score will take precedence over the first and must be announced when the assessment is given. The student is responsible for attending any make-up sessions as announced by the teacher before retaking the formative assessment at the designated time.
- No end of unit tests or semester exams will be reassessed.

## Internet Use

Students are allowed to use the Internet for school purposes. Students taking advantage of this policy will be warned. Repeated offenses will result in revocation of Internet privileges. Loss of Internet or computer privileges in a computer class makes it very difficult to successfully

complete the class. Students who lose privileges will still be responsible for completing work, but will be required to complete it outside of class.

**Students may temporarily lose Internet access during a class period or multiple class periods if they are missing assignments or are caught abusing their Internet privileges. If this becomes a problem, parents will be notified.**

## **LAB RULES**

**Food and drink:** You will not be allowed to eat or drink anything in the classroom. Food, drinks and candy should be kept in your locker. Any drink, food or candy seen in the classroom will be confiscated. Repeated offenses will result in consequences.

**Computers:** All students will be assigned to a computer. That computer is your responsibility and therefore is the **ONLY** computer you should be using or touching.

## **WORK FOR OTHER CLASSES IN COMPUTER CLASS**

Students are expected to spend 100% of each class period working on their class work. Working on other class work will not be allowed, unless you have my permission prior to doing the work. Not following this procedure constitutes a lack of participation and could result in further consequences, as assigned by the teacher.

A very important concept in working with computer technology is the importance of saving and backing up work at regular intervals. You will be strongly encouraged to develop these fundamental skills while working in class. Therefore, if you neglect to save and 40 minutes into the period we have a power surge, you need to understand that it will be your responsibility to make up the work if the necessary procedures were not followed.

**Extra Credit: There will be no extra credit.**

**Communication:** Information regarding the class content and your progress will be communicated using the following methods: Progress Reports/Interims, Report Cards, and Grades Online.

---

**Supplies required every day: A section of your binder for this course, your planner, and a pen or pencil.**

---

### **Methods of Communication:**

- Student handbook
- Progress reports/interims
- Report Cards
- Edline
- Email: [Randall\\_A\\_Grove@mcpsmd.org](mailto:Randall_A_Grove@mcpsmd.org)
- Phone: 301-989-5780