



South Texas ISD

Preparatory Academy

GRADES 7-8 | EDINBURG

Course Summary: Exploring Computer Science

| COURSE | TEACHER | CONFERENCE | TELEPHONE | ROOM NO. |
|----------------------------|---|------------|--------------------|------------------|
| Exploring Computer Science | Mr. A. Gonzalez Alberto.gonzalez@stisd.net | 4A & 3B | Lab (956) 388-2643 | Comp. Lab 108 |

- **Objective:** Exploring Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students.

- **Materials:**

- Always bring your school planner that was provided to you.
- Always bring a pen or pencil to class whether we need it or not.
- Flash drive/USB
- Notebook
- Pocket Folder

- **Units of ECS:**

- Human Computer Interaction
- Problem Solving
- Web Design
- Programming
- Computing and Data Analysis
- Robotics

- **Pyramid of Interventions:**

Students who are not successfully progressing in this course will be assisted by an after school tutorial. Late work is accepted. Talk to teacher about reasonable time.

- GRADING PROCEDURE:**

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| <ul style="list-style-type: none"><input type="checkbox"/> <i>Class work and projects are worth 50% of your grade</i><input type="checkbox"/> <i>All Quizzes are 20% of your grade.</i><input type="checkbox"/> <i>All Tests 30%</i><input type="checkbox"/> <i>The Semester/Final Exam counts 25% of the semester average</i> |
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- **Make-up work:** The student is responsible for making up any tests or assignments when absent.
- **Borderline failing:** If a student is failing with a 69 - 65, they will be given the opportunity to be placed on a course contract. (Student/Parent/Teacher) Course Contract work will only allowed the student to receive an average of no higher than a 70.
- **After school tutorial:** After school tutorials are available. Check with teacher on availability.
- **Retesting:** Retests are offered however the highest grade to receive on a retest is a 70. It is up to the student to contact the teacher if they would like to retest. No re-quizzing

EXPLORING COMPUTER SCIENCE COURSE SUMMARY

Student Name: _____ Grade level _____ Period _____

(Print Name)

Teacher: Alvarez Lopez

Principal: Mrs. Ana Castro: [Signature]

Parent/Guardian Signature:

_____ Date: _____

Student Signature:

_____ Date: _____

Home phone: _____

Cell phone: _____

E-mail Address: _____

Parent Comments/Concerns/Special Instruction:

