# *Lester B. Pearson High School*

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| **Academic Year:**<br>2023-2024 | **Department: Science** |
| **Subject:**<br>**Introduction to robotics and coding** | **Level (Cycle and Year):**<br>**Cycle 2 Year 2** |

## Term 1 -  20% of School Grade

**School Reporting Date(s):**
**Progress Report:** October 13th, 2023          **Term I Report Card:** November 22th, 2023

**Teacher Methods of Communication:** Progress report, report card, email, google classroom, phone calls

**Competency Evaluated and Percentage of Term Grade:**
 Seeks solutions to scientific and technological problems by researching, designing, building and programming robots while communicating in the language of science and technology

| Evaluation Methods/Tools | Skill(s) Evaluated | Timeline or Frequency of Evaluations | Weight of Evaluation |
|---|---|---|---|
| 1.Assignment/Quiz /Test | Theory | 2-3 | 40% |
| 2. Practical assignments | Practical (application of theory) | 2-3 | 60% |

## Term 2 -  20% of School Grade

**Reporting Date:**
**Term 2 Report Card:** February 27th, 2024

**Teacher Methods of Communication:** Report card, email, google classroom, phone calls, parent- teacher conference.
**Midyear Evaluation:** No formal midterm

**Competency Evaluated and Percentage of Term Grade:**
Seeks solutions to scientific and technological problems by researching, designing, building and programming robots while communicating in the language of science and technology

| Evaluation Methods/Tools | Skill(s) Evaluated | Timeline or Frequency of Evaluations | Weight of Evaluation |
|---|---|---|---|
| 1.Assignment/Quiz /Test | Theory | 2-3 | 40% |
| 2. Practical assignments/ Project | Practical (application of theory) | 2-3 | 60% |

## Term 3 - 60% of School Grade

**Reporting Date:**
**Final Report Card:** End of June, 2024

**Teacher Methods of Communication:** Report card, email, google classroom, phone calls

**Final Evaluations or Ministry Exams, % value of Years grade (if applicable):** None

**Competency Evaluated and Percentage of Term Grade:**
Seeks solutions to scientific and technological problems by researching, designing, building and programming robots while communicating in the language of science and technology

| Evaluation Methods/Tools | Skill(s) Evaluated | Timeline or Frequency of Evaluations | Weight of Evaluation |
|---|---|---|---|
| 1.Assignment/Quiz /Test | Theory | 2-4 | 40% |
| 2. Practical assignments/ End of the year project | Practical (application of theory) | 2-4 | 60% |

### Specific aims of the course
● Introduction to robotics and coding is an elective and practical course designed to allow students to learn the basics concepts for programming, designing, and building robots. Furthermore, students will develop cognitive skills and apply theoretical notions relative to science, technology, engineering and mathematics through various practical projects that will be assessed.

### Late assignment policy
● Students will be granted one day without penalty.
● As of the second day, 5% of the grade will be deducted per day late.
● No late assignments will be accepted for grading after the instructor has returned the marked assignments to the students in the classroom.