# Technology Course Syllabus (K-3)

# Detroit Magic Child

# Summer 2022

## Part 1: Course Information

### Instructor Information

* **Instructor:** Merry Lynne Patterson (Miss. M)
* **Office:**
* **Office Hours:**
* **Office Telephone:** 734-334-3226
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### Course Description

* A basic technology introduction class. While many of our kids know how to use technology, they may not know how to properly use it and to make real use of it. In this course, we will be breaking down internet safety, how to use Google Suites, and the interworkings of a computer! All technology stems from one another, so the children will have the opportunity to look at different types of technology, other than computers, and learn about what they do.

### Textbook & Course Materials

* **Required Text(s):**
  + All text will be provided by the instructor inside of the classroom.
* **Recommended Materials:**
  + Pencils
  + Laptop

### Course Requirements

* A great attitude
* A will to learn

**Important Note:** This syllabus, along with course assignments and due dates, are subject to change.

## Part 2: Student Learning Outcomes & Objectives

### Student Learning Outcomes

* Will be able to identify the Red and Green lights on the internet
* Will be able to identify different parts of the computer
* Will be able to navigate Google Suites
* Will be able to be more confident in themselves

### General Education Outcome(s)

* Use appropriate terminology in identifying and describing the function of common physical components of computing systems (hardware). Subconcept: Hardware & Software; Practice 7.2
* Explain what passwords are and why we use them, and use strong passwords to protect devices and information from unauthorized access. Subconcept: Cybersecurity; Practice 7.3

### Course Objectives

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You will meet the outcomes listed above through a combination of the following activities in this course:

· Attend classes

· Practice at home

· Participate and ask questions

## Part 3: Topic Outline/Schedule

* **Week 01: History Of Technology**
  + Let’s talk about where technology orginates from! There are many different forms of technology. Lets talk about different types and the most infuential items in the scene.
  + Let’s get to know eachother and talk about our goals for the class.
* **Week 02: Parts of a Computer**
  + Let’s learn how a computer runs? What parts does it need?
  + Lets learn some key vocabulary and identifying it.
  + Introduction to Final Project.
* **Week 03: Parts of a Computer Continued**
  + Continue vocabulary
  + Continue Final Project
* **Week 04: Cyber Safety**
  + Let’s get into the topic of Cyber Safety. What are red, yellow, and green light situations?
  + How can we be safe on the internet?
  + What are some good websites we can go on?
  + Continue Final Project.
* **Week 05: Typing**
  + Let’s get introduced to Typing Club.
  + Let’s learn the keyboard and work on hand movement.
  + Continue Final Project.
* **Week 06: Google Suites**
  + Le’s learn how to access Google Suites and what it pertains.
  + Let’s learn how to use the apps and experiment.
  + Continue Final Project
* **Week 07: Coding**
  + Let’s get introduced to Codable.
  + Let’s get introduced to CodeSpark.
  + Continue Final Project.
* **Week 08: Wrap Up**
  + Let’s go over all that we have learned and have fun!
  + Finish Final Projects and present them.