

**Mackintosh Academy**  
**An IB World School- A Taste of the Apple**



**Parent Course Offerings - Registration is Now Open**

The heart of an IB school is the development of the attributes of Learner Profile through an inquiry-based approach to teaching and learning. The IB program helps develop world citizens, who care and are nimble in solving problems in a world that needs them. **Register** today (using Sign-up Genius) for a Mack IB Course, so you too can experience the **Learner Profile** (words in bold) as you participate in a moment of your child's learning day.

**MYP Language and Literature: "Rock vs. Stone: The Art of Poetic Language"**

**Instructor:** Meg Rich, Middle School

**Location:** 2nd Middle School Classroom; Session 1 and 2

**IB Learner Profile Focus:** Being an **Open-Minded Communicator**

**Prerequisite:** Being part of the Mackintosh family

Come explore the intentional word choice needed to write the most exquisite poems with Ms. Rich, MYP Language & Literature teacher. In this class, we will discover the nuance and beauty of poetic diction by inquiring about word origins and common uses, which will then open the doors for more creative usage. Each participant will leave with inspiration to express their own poetic voice.

**World Languages: Spanish**

**Instructor:** Senora Cardona

**Location:** Spanish Classroom; Session 1 and 2

**IB Learner Profile Focus:** Being a **Communicator**

**Prerequisite:** A spirit of **Internationalism** and have idled in carline as you "travel"

In this course, you will explore and learn basic and useful Spanish phrases. We will sing songs to learn about greetings, use manipulatives and body movements to enrich our vocabulary, using food as our main topic, and, time permitting, play games that will help with memorization. Come and experience how "*El español es divertido*" - Spanish is fun.

**Kindergarten- Exploring Inquiry and Learning in the Early Childhood**

**Instructor:** Rebecca Blauw

**Location:** Kindergarten Classroom (*session 1 only*)

**IB Learner Profile Focus:** Be an **Inquirer** (wonder and curiosity still intact) and demonstrate multiple ways you are **Knowledgeable**

**Prerequisite:** Have swung in a swing or played on a playground

Our IB Central Idea is: *Explorers go to new places resulting in discoveries which impact people's lives.* Discover the Silk Road! Come be an **Knowledge Explorer** with us to see the many ways we access information. Individual and collaborative inquiry happens everyday in our room through research, stories, picture studies, play, and the arts. See how we take our

research and organize it, so we can deepen our understanding, see connections, and share our knowledge.

### **1st-2nd Grade- Being a Science Explorer within an IB Unit**

**Instructor:** Lara Pausback

**Location:** 1st-2nd Grade Classroom (session 2 only)

**IB Learner Profile Focus:** Be an **Inquirer** and **Principled Thinker**

**Prerequisite:** Have admired the flowers and greenery on campus

Use your senses to awaken the science explorer within you in order to deepen IB unit inquiries. Students will go through an actual science lab to see how inquiry is richest when it is hands, eyes, nose, and ears on. Learn where we garner our science learning outcomes and how your child will be prepared for a world that will need their strong science understanding, thinking, and methodology.

### **Third-Fourth Grades- Using the Design Cycle to solidify learning and explore concepts**

**Instructors:** Lula Guilbert and Heather Thomas

**Location:** 3-4 Classroom

**IB Learner Profile Focus:** **Open-minded**, **Risk-Taker** and **Reflective**

**Prerequisite:** Have helped your child get to school on time with a lunch, homework, and backpack

We will guide you through a design lab and discover why your child's recycled "stuff" really has a great deal of thought behind it, how it connects with the IB units of inquiry, and what the design and action cycle entail. This "behind the scenes" look will allow you, first-hand, to see the high level - exciting thinking, deep reflection, and thoughtful, collaborative communication skills that go into final products. You will have an opportunity to empathize with a situation, creatively brainstorm solutions, see the value of the process of creating iterations, and designing solutions... all in the context of a unit's big ideas.

### **Fifth-Sixth Grade: Photo Origami- How the World Works Unit of Inquiry Lab**

**Instructors:** Joe Pausback and Nancy Muhich

**Location:** 5th-6th Grade Classroom

**IB Learner Profile Focus:** **Resiliency**, **Caring**

**Prerequisite:** Have read part of a Littleton Bite and can read directions

What? We do STEM at Mackintosh? Yes, that is right, our teachers do STEM. STEM isn't a special, stand-alone thing; it's part of our daily curriculum integration. For this course, the teachers are offering a photo origami inquiry activity. What is that you ask? Well, it combines elements of geometry, engineering, and energy concepts. Participants will investigate self-assembling polyhedrons that go from flat to 3D with the power of light. This has potential applications with nano-robots and self-assembling robots. It is also just plain cool. Brace yourself for an investigation that can be a little frustrating and requires resilience and a bit of grit. Just remember that frustration is an emotion that sometimes happens while you are in the process of learning! Supporting our classmates in a **caring** way helps everyone learn in a joyful and energizing atmosphere.

## **Visual Arts: How We Express Ourselves**

**Instructor: Becky Van Buren**

**Location: Visual Arts Room**

**IB Learner Profile Focus: Reflection and Communication** with visual mediums, being **Balanced** in your approach to learning

**Prerequisites:** Have procured school supplies for your child

In our Pre-Kindergarten class we are studying "How We Express Ourselves" by investigating the central idea that *Music Creates Portals to Understanding and Expression*. We will listen and learn about Camille San Saens' musical piece "Carnival of the Animals" while creating art inspired by its "aquarium" movement. As you learn techniques and art skills, we will have inquiry discussions and **reflect** on an artist's intention, **balance** in learning and life, and different ways to **communicate** your understanding, learning, and emotion.

## **MYP Design and Technology: Creating a 3D Design**

**Instructor: Sharon Muench**

**Location: Middle School Room #1**

**IB Learner Profile Focus: Principled**

**\*Prerequisites:** Your child's laptop or your laptop, access to your child's school e-mail account

What tools do we have at our disposal to prepare students for the brave, always new and evolving, world of technology? How are we teaching basic computing, technology, coding, and design? We have three 3D printers. What can we do with them? Come create your own three dimensional design. **Parent "students" are required to bring their child's laptop (or their own) to the course.** Instructions will be sent prior to course so time can be maximized.