

# RAVIEN LAB

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## Course Description



This course is a pilot course. Description is a work in progress. Essentially this course will help students build technology skills, develop a solid understanding of design thinking, and have students work on essential skills that they will use in the real world. 📖 📖

## Objectives students will:

- further their understanding of the IB Learner Profile
- develop an understanding of the MYP Approaches to Learning and how they are applicable in the real world
- develop a fundamental understanding of the design thinking process
- Build upon planning and research skills
- Become informed on technology issues and trends
- explore, express, communicate, learn, grow, educate, and change through technology & Design Thinking
- develop better problem solving skills
- be exposed to a variety of different design problems and technologies
- complete final projects using the Design Thinking approach
- connect skills developed in class to real world situations
- develop process journals/blogs

## Grades & Evaluation

Letter grades are given for all work and based on predesignated requirements. The following percentages and categories will be used throughout the semester to calculate grades.

- 40% Independent Project
- 30% Modules/Exercises
- 15% Process Blog & SM
- 15% Approaches to Learning

(coming to class on time, prepared, helping teammates, building, staying on task, participating in group work, attitude, work ethic)

A+ 100	B+ 87	C+ 77	D+ 67	E 57
A 93	B 83	C 73	D 63	Z 0
A- 90	B- 80	C- 70	D- 60	

## Student Expectations

Students are expected to take full advantage of the educational opportunities that are provided to them. It is necessary for students to complete ALL assignments, participate in class activities, and put forth their best efforts in all projects and collaborative work.

Additionally, students are expected to follow the rules and procedures of the space and school to maintain a safe environment. Students are also expected to communicate with their instructor if they have special needs and/or arrangements.

## Technology / Equipment

Throughout the semester students will be using a variety of materials and equipment. All students are to use the materials with respect. Students may be fined for damage to classroom and borrowed equipment/supplies and/or lose the privilege to use equipment/materials. Excessive damage to materials caused by a student's inappropriate use may result in administration intervention. Follow the check out procedures for all equipment. Checked out items are the responsibility of those students and they are accountable for those items.

## Basic Rules

1. Follow directions & stay on task
2. Arrive on time
3. Come prepared for class and ready to work
4. Keep hands, feet, and all other objects to yourself
5. Clean up your area
6. Respect the equipment, space, time and each other

# IB APPROACHES TO LEARNING



# SKILLS

# Royal Oak Schools Middle Years Programme Academic Honesty Policy

The Royal Oak Schools Community, including the IB MYP, is committed to academic integrity and honesty in all written, spoken, and digital work. Therefore it is our mission to create an academic environment in which a student's quest for knowledge is an honest and ethical reflection of that process. The IB Learner Profile articulates the attributes of an academically honest learner:

- Inquirers—acquire skills to conduct inquiry and research
- Knowledgeable—explore concepts, ideas and issues
- Principled—act with integrity and honesty, taking responsibility for one's own actions
- Open-minded—seek and evaluate a range of points of view
- Risk-takers—brave and articulate in defending beliefs and ideas

Students should be aware of the following forms of academic dishonesty that are unethical, which include cheating, collusion, and plagiarism.

## Cheating and Collusion

The definition of cheating is using unauthorized answers or sources to receive credit for school-work. The definition of collusion is working secretly with another or with use of an electronic device for a fraudulent purpose. Cheating and collusion include, but are not limited to:

- Using an assignment from someone else and submitting it as one's own.
- Allowing another student to use an assignment or test to submit as his or her own.
- Looking at another's test and submitting the work as one's own.
- Knowingly assisting another student in the act of cheating.
- Discussing test or quiz questions with students who have not yet taken it.

## Plagiarism

First building offense:

- Student completes academic honesty tutorial with and is counseled by Academic Honesty committee
- Notification of Junior National Honor Society, and Probation in National Honor Society

Second building offense teacher writes administrative referral:

- Student earns a zero, with no opportunity to complete work
- Administrative referral recorded on record, notification of parents
- Administrative notification of coaches and co-curricular activities
- Dismissal from NHS

Third and subsequent building offense teacher writes administrative referral:

- Administrative referral for suspension
- Suspension from all co-curricular activities in which student is involved
- (length determined by administration)
- Dismissal from NHS

The ethics of intellectual property require that students value the ideas of others and properly acknowledge those ideas. If they do not, it is plagiarism. Therefore students will learn proper documentation and be held responsible for the ethical use of the ideas and words of others. Plagiarism includes, but is not limited to:

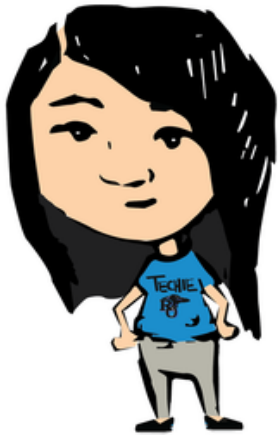
- Quoting or paraphrasing directly all or part of someone else's written, spoken or illustrated
- works without documentation within the body of the work
- Presenting an idea, theory, or formula originated by another person as one's own
- Submitting work complete by another student or group of students as one's own
- Using information, including statistics, without documentation from the source
- Copying or pasting from the Internet or another document that is not one's own. **Examples include:**
  - Submitting another person's work
  - Purchasing another person's work for submittal as one's own work
  - Copying a portion of another's work without citing the source
  - Copying material, supplying proper documentation, but leaving out quotes
  - Paraphrasing ideas without documentation

Plagiarism, in any form, is unacceptable and academically dishonest. Intentional plagiarism is an unethical choice; the student knowingly submits someone's words or ideas as if they were his/her own.

Indicators of unintentional plagiarism are a lack of, or imprecision in, documentation and/or inattention to detail in formatting.

## Academic Dishonesty Procedure/Consequences:

1. All serious cases, suspected cases, and repeat minor cases of academic dishonesty shall be reported to the ROHS Academic Honesty Committee. (An initial minor case may be handled at classroom level. Example: student copies small portion of minor assignment)
2. Teacher meets with student(s) regarding the incident.
3. Teacher investigates incident, including if student has prior building offense, and presents evidence to committee.
4. Committee reviews incident, evidence and completion options, and counsels student. First building offense teacher notifies administration, parents, and committee:
  - Student earns a zero on assignment/project/test
  - Student completes the work or portion of the work for practice or progress check only (without credit and at teacher's discretion)



COURSE HOUR\_\_\_\_\_

I have read and agree to the Raven iLab expectations and practices as well as the ROHS Academic Honesty Policy. I understand that I must abide by the rules and regulations of the building and the space.

Student Name (Please Print) \_\_\_\_\_

Student Signature \_\_\_\_\_

Parent/Guardian Name (Please Print) \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

Parent/Guardian Name (Print) \_\_\_\_\_

Parent/Guardian Signature \_\_\_\_\_

Parent/Guardian E-MAIL Address (print) \_\_\_\_\_

Convenient times parent(s)/guardian(s) may be reached:

Name and phone number \_\_\_\_\_ Daytime

Name and phone number \_\_\_\_\_ Evening