

# Physics 20

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Google Classroom: **7ji6fuxs**

## Required Resources:

Paper, pencils, different coloured pens, highlighter, Chromebook/Device (not a cell phone), Binder

## Students will:

- Understand the uses of science in our everyday lives
- Have a greater scientific understanding of the world around them
- Appreciate and value science
- Learn how to use scientific reasoning in everyday life
- Be exposed to investigations, problems and questions to understand the importance of science in society

## What does striving for excellence look like?

- I am **RESPECTFUL** of everyone and everything.
- I take **RESPONSIBILITY** for my work and strive to accomplish my goals.
- I show **INITIATIVE** by doing what needs to be done without being told.
- I demonstrate **INTEGRITY** in my actions by doing what is right.

## Units of Study

<b>Course Work 75%</b>	<b>CONCEPT 1: Review+ Kinematics (18%)</b> Approx 22 days
	<b>CONCEPT 2: Dynamics (22%)</b> Approx 23 days
	<b>CONCEPT 3: Circular Motion and Orbits (23%)</b> Approx 26 days
	<b>CONCEPT 4: Oscillatory Motion and Mechanical Waves (12%)</b> Approx 16 days
<b>Final 25%</b>	<b>Final Exam (25%)</b> <b>Review: Approx 3 day</b>

## Due Dates

For late assignments, I will enter code NHI (Not Handed In), and it will stay that way until the assignment is handed in. **It is your responsibility to hand in the assignments in order to pass this course.** Your TAG teacher will remind you what assignments you are missing. It is your responsibility to hand assignments in if you want a good grade in this course.

## Evaluation:

During Physics 20 your evaluations will occur in a variety of ways. There are assignments, quizzes and tests, but also there will be a collection of data of understanding through conversations, and check in observations. I believe that assessments provided in different methods and in different ways allow me to see who you are as a science student in a more rounded way.

In order to succeed in Physics 20 students are expected to complete all course work.

- **Formative assessments:** Formative assessments are used to evaluate student comprehension, learning needs, and academic progress during a lesson and throughout a unit. Some examples include: Check In's Practice Questions, Review Booklets. Formative assessments will provide students with feedback to their learning and will allow students to fill in gaps in their comprehension before moving into a summative assignment.
- **Summative assessments:** Summative assessments are used to evaluate students by comparing it against an outcome. Summatives occur after use of formative assessments. Larger assignments and projects, quizzes and concept exams will be some examples of assessments used to allow students to see their progress in learning in regards to the outcomes of the course. The best way to prepare for summative assessments is to ensure that you complete all formative practice given as well as review concepts prior to the summative.
- **Missed Assignments/Tests:** Students are responsible to make up any missed work in the course. If absent, please speak to me to create a timeline to ensure all material is done in a timely manner. Exams will be expected to be written in class. If you are online you can arrange to come in and we can find you an isolated spot to write. If you are sick that day and unable to attend class you will make time to write it when you return.
- **Re-Assessments on Summative Material:** Students will have the opportunity for reassessment throughout the month as deemed necessary. In order to have access, students will need to prove they have taken initiative to study and prepare. Any re-assessments can be done before or after classes, during in-class work time or during break time.

## Student Expectations

- Be on time to class. Come to class **punctually and regularly**.
- During labs, students need to wear closed toe shoes and proper lab clothing
- Eating is permitted in the classroom during non-lab days. **You are responsible to clean up any mess you make.**

## Classroom Behaviour

Students are expected to behave in a mature manner while in class. If a student decides to misbehave then they will be asked to leave the classroom. The student will work independently in the hallway until further instructed by the teacher. **This is an academic course that moves at a fast pace** so I will not tolerate disruptive behaviour. This includes online behaviour.