

# II TOPICS IN SCIENCE

. BLOCK 3 (12:45 – 2:00 PM) . Semester 1 . 2020 . Powerview School .

**This course aims to challenge and inspire us to develop scientific and logical reasoning and problem solving skills.**

As a member of this learning community, it is expected that we all focus on **creating a respectful learning environment** for everyone. Any behaviour which threatens anyone's potential to learn will not be tolerated.

To facilitate our learning, everyone is expected to be open, honest and comfortable sharing questions, concerns and comments. We must **be proactive in ensuring our understanding** of topics and course expectations.

Everyone is expected to **attend class regularly: prepared and willing to participate**. In the case of absence, everyone is expected to communicate about what was missed.

Cell Phones and other **electronic devices are welcome in the classroom for educational purposes only**. Any disrespectful and distracting use of electronic devices will not be tolerated.

Please feel free to contact me at any time. Good communication is essential for your success in this course. My classroom will always be a safe space for you to come for any reason.

**HBURNS@SUNRISESD.CA**

**www.burnspvw.weebly.com**

**& Microsoft Teams**

# TOPICS

This course looks at current scientific topics relevant to our world today. Topics may include, but are not limited to:

FORENSIC SCIENCE

SPORTS + NEUROSCIENCE

ENGINEERING

THE SCIENCE OF HAPPINESS

SPACE TRAVEL

BIOTECHNOLOGY

# DISTRIBUTION

<p><b>Daily Challenge</b></p> <p>Your daily journal will be packed with questions, theories, brainstorming and reflections. Each class begins with your Daily Challenge – latecomers beware!</p>	<b>15%</b>
<p><b>Daily Assessment</b></p> <p>Observation, Conversation and Product. Daily 5 Self Assessment – you da boss!</p>	<b>15%</b>
<p><b>Assignments, Projects and Labs</b></p> <p>A variety of assignments and projects will provide students with the opportunity to showcase their learning in their own way. Students are encouraged to be creative in representing their learning.</p> <p>Flexibility with assignments is welcome if it is communicated clearly and approved by Ms. Burns.</p> <p>Labs are done in class – missed labs may be supplemented by alternative assignments.</p>	<b>30%</b>
<p><b>Tests</b></p> <p>Understanding of each unit will be assessed through a test. Tests will be a mix of multiple choice, short and long answer. Each test will be preceded by revision and followed by review. Tests will follow similar formatting to quizzes and assignments.</p>	<b>25%</b>
<p><b>Final Project</b></p> <p>The final “exam” will be your Major Independent Project. This project will be detailed early in our course to provide significant time to explore the topic of your choice.</p>	<b>15%</b>

**EXPLORE**

**EVERYTHING**

**EVERYDAY**