

# SNC 2PI EXAM TOPICS

## BIOLOGY

- *Cellular respiration*
- *Mitosis*
- *Cell parts and function*
- *Respiratory*
- *Circulatory*
- *Digestive*
- *cancer*

## CHEMISTRY

- *Counting atoms*
- *Acids vs Bases*
- *Chemical change*
- *Metals vs non metals*
- *Ions and atoms*
- *Types of reactions*
- *Naming ionic compounds*
- *Protons, electrons, neutrons*
- *Chemical reactions*
- *Periodic table families*
- *Indicators*
- *Ionic vs covalent bond*
- *Balancing equations*
- *Bohr Rutherford diagrams*

## OPTICS

- *Law of reflection*
- *Normal*
- *Additive colour theory*
- *Concave mirrors*
- *Reflection refraction absorption*
- *Convex lens*
- *Eye parts*
- *Real vs virtual images*
- *Parts of a mirror*
- *Refraction*
- *Colour*
- *Diverging vs converging*
- *Ray diagrams mirrors*
- *Ray diagrams lens*

## CLIMATE CHANGE

- *Weather vs climate*
- *Global warming vs climate change*
- *Greenhouse gases types and sources*
- *Natural vs Anthropogenic*
- *Consequences of climate change / global warming*
- *Solutions to climate change*