

Brocklehurst Middle School

Science 8 Course Outline: Instructor:

Big Ideas:

- a) Characteristics of Life
- b) Cell Theory & Cell Types
- c) Relationship of microorganisms with Living Things
- d) Kinetic Molecular Theory
- e) Atomic Theory
- f) Protons, Neutrons & Quarks
- g) Electromagnetic Radiation
- h) Plate Tectonics & First Nations Knowledge of Geological Formations
- i) Layers of Earth

Textbook for use: Science Probe 8 & 9

Evaluation for each Term:

Summative and Formal Assessments = 50 %

Labs, Projects & Assignments = 50 %

Core Competencies & First Peoples Principles of Learning:

- ★ Incorporated and assessed throughout the course.
- ★ Communication, Thinking, Personal & Social

Attendance:

When absent, it's the student's responsibility to make up for missed work, assessments, etc.

To find out what was missed:

- 1) Go to the classroom Blog and Google Classroom.
- 2) See your instructor at break/lunch the day you return to school.

Assignments & Projects:

They should be properly completed and submitted responsibly and on time.

Classroom Expectations:

- Come prepared to class with your own binder, paper, pencil and eraser.
- Be on time at your desk and ready to go before the last bell rings.
- Use of Electronic devices are not necessary in class.
- This is a lab, so food should not be eaten during class. Water bottles are permitted.
- Contribute a positive learning and safe environment by respecting your classmates and allowing your teacher to do his job.
- Be respectful of others' differences please.
- Take responsibility for oneself and work as hard as possible.
- Remember that if you are in bad spirits due to a fight with your parents, siblings, a friend, or your phone is broken, it is not my fault and I am not a scapegoat please.

Core Competencies

There are 3 core competencies which go alongside the learning process, both inside and outside the classroom:

1. **Communication:** The Communication competency encompasses the knowledge, skills, processes and dispositions we associate with interactions with others. Through their communication, students acquire, develop and transform ideas and information, and make connections with others to share their ideas, express their individuality, further their learning, and get things done. The communication competency is fundamental to finding satisfaction, purpose and joy.
2. **Thinking:** The Thinking competency encompasses the knowledge, skills and processes we associate with intellectual development. It is through their competency as thinkers that students take subject-specific concepts and content and transform them into a new understanding. Thinking competence includes specific thinking skills as well as habits of mind, and metacognitive awareness. These are used to process information from a variety of sources, including thoughts and feelings that arise from the subconscious and unconscious mind and from embodied cognition, to create new understandings.
3. **Personal and social:** The Personal and Social competency is the set of abilities that relate to students' identity in the world, both as individuals and as members of their community and society. Personal and social competency encompasses what students need to thrive as individuals, to understand and care about themselves and others, and to find and achieve their purposes in the world.