

SNC4M

Grade 12 Science



Prerequisites:
Grade 10 Academic Science
OR
Grade 10 Applied Science
AND any Grade 11 Science

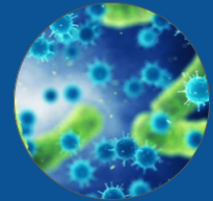


MEDICAL TECHNOLOGIES

- Medical technologies can have positive and negative effects on society, human health, the economy, and the environment
- Knowledge of medical technologies, and the science behind them, can help patients better understand their diagnoses and treatment options

PATHOGENS AND DISEASE

- Appropriate technologies and informed choices with respect to personal behaviour can limit the spread of pathogens and diseases
- Methods used to control the spread of pathogens and diseases can have both positive and negative effects on human health



NUTRITIONAL SCIENCE

- Medical technologies can have positive and negative effects on society, human health, the economy, and the environment
- Knowledge of medical technologies, and the science behind them, can help patients better understand their diagnoses and treatment options

SCIENCE & PUBLIC HEALTH ISSUES

- An understanding of threats to public health helps individuals and societies adopt appropriate practices to protect their health and the health of others
- A global approach to public health is necessary to help prevent future pandemics



BIOTECHNOLOGY

- Many social, ethical, and legal issues and conflicting interests have to be considered when determining the appropriate uses of biotechnology
- Scientific knowledge helps individuals and society make informed decisions regarding biotechnology