

**NORTH BRANFORD PUBLIC SCHOOLS**  
**Essential Curriculum**  
**Business and Finance Technology Education**

*Grade 8*

**Computer Concepts**

Upon completion of Computer Concepts, students will be able to:

- The student will be able to use touch-keyboarding skills and manipulate text and data.
- The student will identify terminology associated with spreadsheets, graphing/charting, and multimedia presentations.
- The student will apply procedures for creating spreadsheets, graphs/charts, and computer generated slide-show presentations.
- The student will use creative thinking in modifying spreadsheets and graphs/charts.
- The student will apply mathematics to spreadsheet problems.
- The student will explain the order in which spreadsheet calculations are performed and provide illustrations, which support this order.
- The student will use creative thinking to modify computer generated slide show presentations to meet changing needs and requirements.
- The student will demonstrate the ability to use technology as a means to conduct research.
- The student will produce and present a computer generated slide-show presentation.
- The student will appreciate the importance of careful attention to oral and written directions in solving a variety of computer-related problems.
- The student will be able to recognize and appreciate the role of systematic planning in solving problems.
- The student will be able to recognize the need to continue to acquire additional knowledge and skills for personal growth and development and its relationship to life-long learning.
- The student will recognize the importance of the implications of emerging technologies on society and the quality of life, including personal, academic and work environments.
- The student will demonstrate recognition for completing assigned tasks on time and appreciate its relationship to success in life.
- The student will demonstrate an ability to work cooperatively with peers in solving computer-related problems.
- The student will appreciate the value of self-esteem and personal effectiveness resulting from one's own productive efforts.
- The student will recognize the necessity for moral and ethical conduct in the use and application of computer software.
- The student will recognize the importance of values as it relates to one's own character.