Strand:

Research

Students will learn about using technology for research.

Big Ideas

❑ Research can expand significantly through the use of technology.

Key Outcomes

Students will demonstrate an understanding of **using technology for research** by being able to:

❑ Locate, download, and organize content from digital media collections for specific purposes, citing sources.
❑ Perform basic searches on databases to locate information, using two or more keywords and techniques to refine and limit such searches.
❑ Evaluate Internet resources in terms of their usefulness for research.

Essential Knowledge and Skills

As students progress from grade three to grade five their skills in these areas will move from exploratory toward mastery.

Technology instruction at all grade levels should be planned in conjunction with the classroom teachers.

Strand:

Problem Solving

Students will learn how to use technology tools to solve problems.

Big Ideas

❑ Technology can support the use of higher order thinking skills to solve problems.

Key Outcomes

Students will demonstrate an understanding of using **technology to solve problems** being able to:

❑ Choose appropriate technology tools (graphic organizers, spreadsheets, slide shows) to define problems, propose hypotheses, make predictions, and draw conclusions.

Essential Knowledge and Skills

As students progress from grade three to grade five their skills in these areas will move from exploratory toward mastery.

Technology instruction at all grade levels should be planned in conjunction with the classroom teachers.

Strand:

Communication

Students will use technology to communicate with others.

Big Ideas

❑ Technology can be used to communicate and work with others to support learners and to contribute to the learning of others around the world.

Key Outcomes

Students will demonstrate an understanding of **communicating with technology** by being able to:

❑ Create projects that use text, images, audio and video to communicate ideas.
❑ Evaluate digital content for organization, content, design, presentation and appropriate use of citations.
❑ Describe different online tools (email, online discussion forums, blogs, and wikis) that can be used to gather and or share information collaboratively with others.

Essential Knowledge and Skills

As students progress from grade three to grade five their skills in these areas will move from exploratory toward mastery.

Technology instruction at all grade levels should be planned in conjunction with the classroom teachers.