

St. John's Lutheran Technology Curriculum

Kindergarten

1. Become familiar with computer keyboard, monitor, and mouse as well as computer terms
2. Learn how to maneuver using the mouse
3. Keyboard concepts at this point are placement of the left and right hand.
4. Learn using multi-media as one of the delivery systems so those students become familiar with this type of instruction in the classroom (teacher driven).

First Grade

1. Maintain all skills learned at this point.
2. Complement classroom curriculum
3. Continue learning the computer keyboard, monitor, and mouse as well as computer terms.
4. Continue learning how to maneuver using the mouse and keyboard.
5. Begin learning how to use a CD-Rom, and printer.
6. Be able to differentiate between hardware and software.
7. Begin to trouble-shoot minor problems with operation.
8. Learn operating systems, icons, open/close, scroll bars, dialog boxes.
9. Begin using a word processor and share writings.
10. Use word processing to help in letter recognition, practice spelling words, word recognition and vocabulary development.
11. Begin learning the draw tools common to many application programs.
12. Learn to deliver presentations in teams (group talks about what they did).

Second Grade

1. Maintain all skills learned at this point.
2. Continued familiarity with keyboard, monitor, and mouse and computer terms.
3. Be able to do simple editing in word processing.
4. With multi-media programs: be able to construct polygons, import text, and graphics, corroborate on curricular projects and be able to place pictures and graphics.
5. Be able to use a simple dictionary on the computer.
6. Be able to use CD-Rom resources such as encyclopedia or an atlas.
7. Use appropriate software that complements the curricula.

Third Grade

1. Maintain all skills learned at this point.
2. Begin to use/navigation of the Internet/Intranet to acquire resources.
3. Begin learning an adult word processor, leaving the elementary design.
4. Be able to use the find and replace functions of a word processor.
5. Be able to use the spell checking and thesaurus features of a word processor.
6. Begin using the word processor for journal writing.
7. Begin study of the spreadsheet application learning correct terminology: cell, column, and row.
8. Be able to move around in a spreadsheet and enter numbers in an appropriate manner.
9. Introduce 'home keys' on the keyboard with correct finger placement.

Fourth Grade

1. Maintain all skills learned at this point.
2. Continue to complement classroom curricula with appropriate software.
3. Become more independent in approaching research topics using technology appropriately.
4. Start using more advanced formatting skills in word processing.
5. Be able to construct a simple database and use the sort features.
6. Become familiar with spreadsheet concepts of: function, values, labels.
7. Begin using spreadsheet application in a practical exercise such as keeping track of grades.
8. In multi-media skills: be able to import word processing and graphics from other programs.
9. Begin learning how to use a digital camera to record video for a computer.

Fifth Grade

1. Maintain all skills learned at this point.
2. Continue to complement classroom curricula with appropriate software.
3. Be able to construct a home page for the Internet following good design technique.
4. Use of advanced editing and formatting tools of a word processor.
5. Be able to construct any report format using a word processor.
6. Be able to construct specific sort reports from data a database.
7. In spreadsheet applications, be able to apply formulas to word problems and solve.
8. Be proficient in advance digital camera work, and advanced importation of sound and graphics for multi-media work.
9. Begin learning techniques desirable in good desktop publishing.

Sixth to Eighth Grades

1. Maintain all skills learned at this point.
2. Complement classroom curriculum in all academic areas.
3. Develop communication skills – Word process a report with embedded spreadsheets and graphs – Use Internet email for communicating with people around the world – Utilize technology in presentations.
4. Further develop skills in Word processing, Databases and Spreadsheets.
5. Utilize technology as an aid to develop problem-solving skills.
6. Use the Internet to access its resources.
7. Continue to learn how to use digital medium as a research resource.