

# Grade 2 Technology Performance Indicators

Prior to completion of Grade 2, students will:

- **Use input devices (e.g., mouse, keyboard) and output devices (e.g., printer) to successfully operate computers and other technologies.**
  - *Basic operations and concepts*
    - Students will be able to correctly turn the computer on and off. Students will be able to print to the local printer in their classroom.
    - Students will be able to save their work and have a beginning knowledge of file navigation. They will be able to save files to their home drive located on the network server.
    - Students will be able to connect digital camera to computer for uploading pictures with supervision where appropriate.
    - Students will be able to locate and check off/on switches for computers, and printer's when/where appropriate.
    - As the directions left and right are reviewed, this concept will be applied to the computer's keyboard. As letters are introduced, they will also be introduced on the keyboard. Students will use pointer fingers to type letters using both their left and right hand to enter letters.
    - Top row division of letter will be between T – Y Home row division of letter will be between G – H Bottom row division of letters will be between B- N
    - As students begin typing sentences, they will be introduced to the Shift keys and the Space bar. Students will be taught how to correctly type a capital letter by pressing and holding the shift key on the opposite of the letter they are typing. They will also be taught to “space” once between words and once after ending punctuation.
- **Use a variety of media and technology resources for directed and independent learning activities.**
  - *Basic operations and concepts*
    - Students will become familiar with the classroom and lab computers and be able to create a product based on that knowledge.
    - Students will be able to connect a digital camera to computer for the purpose of uploading pictures.
    - Students will become familiar with all forms of AISL provided elementary technology and be able to create a product based on that knowledge. Students will begin to enhance learning and increase productivity with the use of peripherals.
  - *Technology productivity tools*
    - Students will choose between primary software titles to accomplish grade level appropriate tasks (K-example: drawing colored shapes with KidPix software).

## Grade 2 Technology Performance Indicators

- **Communicate about technology using developmentally appropriate and accurate terminology.**
  - *Basic Operations and Concepts*
    - Communicate about technology using developmentally appropriate and accurate terminology.
    - Students will be able to correctly name the computer devices located in their classroom.
    - Students will use spoken, written, and visual language to communicate.
    - Students will begin using Kidspiration software to see how ideas become sentences and sentences build paragraphs.
    - Students would be involved in discussions on technology tool capabilities.
    - Students will use primary software to communicate shapes, pictures, and colors with words. Students will use word processing to communicate with parents where it is grade level appropriate.
  
- **Use developmentally appropriate multimedia resources (e.g., interactive books, educational software, elementary multimedia encyclopedias) to support learning.**
  - *Basic Operations and Concepts*
    - Students would begin with letter recognition using KidPix software and when ready, type sentences and or captions to explain / title pictures or drawings. Advanced students could begin basic word processing using Pages. Proper spacing of words, punctuation, and special characters would be introduced.
    - Create developmentally appropriate multimedia products with support from teachers, family members, or student partners.
    - The student will create a presentation in Keynote, Kidpix or Pages integrating sound from iTunes or the Internet.
  
- **Work cooperatively and collaboratively with peers, family members, and others when using technology in the classroom.**
  - *Social, Ethical, and Human Issues*
    - When appropriate students will begin discussing the concept of using an idea as a springboard for original work verses copying someone else's work.
  
- **Demonstrate positive social and ethical behaviors when using technology.**
  - *Social, Ethical, and Human Issues*
  
- **Practice responsible use of technology systems and software.**
  - *Social, Ethical, and Human Issues*
    - Students will use file navigation to store and retrieve data.

## Grade 2 Technology Performance Indicators

- **Create developmentally appropriate multimedia products with support from teachers, family members, or student partners.**
  - ***Technology Productivity Tools***
    - Students will be able to print various projects produced using the AISL's primary suite of software.
    - Students will have an understanding of the capabilities of each of the software programs in the school's primary suite of software. They will be able to pick the program with the best tools to complete an assigned task at their grade level.
    - Where grade level appropriate, students will write about various interests in their own words. This could include retelling parts of short stories.
    - Students are introduced to presentation software and hardware such as; Kidpix, Keynote, Pages, iTunes and iPhoto.
    - The student will be introduced to a completed example or template of a final product in Keynote or iMovie. Using the template as a guide students will create a project. Students will use editing tools such as: spell check to analyze their work.
  
- **Use technology resources (e.g., puzzles, logical thinking programs, writing tools, digital cameras, drawing tools) for problem solving, communication, and illustration of thoughts, ideas, and stories.**
  - ***Technology Productivity Tools***
    - Student will begin to revise and edit where it is grade level appropriate and when they are able.
    - Students are introduced to PDF files and QuickTime.
    - Students are introduced to databases as a tool to collect & organize information.
  - ***Technology Communications Tools***
    - Students will use primary software to communicate shapes, pictures, and colors with words. Students will use word processing to communicate with parents where it is grade level appropriate.
    - Using spreadsheet software, students create posters of their graphs for classroom display.
  - ***Technology Research Tools***
  - ***Technology Problem-Solving and Decision-Making Tools***

## Grade 2 Technology Performance Indicators

- **Gather information and communicate with others using telecommunications, with support from teachers, family members, or student partners.**
  - *Technology Communications Tools*
    - Students are introduced to the Internet as a telecommunication device.
    - Students will be introduced to search engines and bookmarks to locate selected information.
    - Students are introduced to the Internet, bookmarks, and hyperlinks.
    - The student will be introduced to Internet bookmarks, saving, copying text and pictures on a given topic.
    - Students will be introduced to a rubric and how it is used.