

Essential Skills for Standard: DA.S.01

Grade	Standard	Essential Skills
K	Identify that information from our everyday lives can be stored and accessed via computing devices .	Identify information that can be stored on a computing device . Identify the information that cannot be stored in a computing device.
1	Identify, access, modify, and save an existing file with a computing device.	Use and store files on a computing device. Find information in a file on a computing device (may be an image, text, etc.)
2	Create, copy, manipulate, and delete a file on a computing device. Identify the information stored as data .	Create, copy, revise and delete files on a computing device. Identify various types of information stored on a computer as data .
3	Recognize that different types of information are stored in different formats that have varying characteristics, which could include associated programs and storage requirements.	Provide examples of different file types (text, image, video, audio). Identify characteristics of common file types and how to determine those characteristics (for example an image can have .jpg or .png at the end of its name).
4	Store information in various formats for specific purposes (e.g., file type, file size, file compression).	Determine how to store information for a specific purpose (for example: save an image differently for printing than for display on a website)
5	Convert different types of information into various formats to be used across multiple software/hardware .	Identify the file format that various software and hardware are capable of storing and opening (for example a spreadsheet stored on a laptop can be opened by Excel or Google Sheets). Convert a file from a format appropriate for one device to a format appropriate for another device based on the intended software and/or hardware.

Skills for Standard: DA.S.01 Grades K-5

These annotations are a collaboration between [Maryland Center for Computing Education](#) and the [Maryland State Department of Education](#).