

## Instructor's Guide to Teaching SolidWorks Software Lesson 1

School's Name  
Teacher's Name  
Date



### Using the Interface

The interface is how you interact with the computer in the following ways:

- Use windows to view files.
- Use the mouse to select buttons, menus, and model elements.
- Run programs — like SolidWorks mechanical design software.
- Find, open, and work with files.
- Create, save, and copy files.

### Microsoft® Windows®

- SolidWorks runs on the Microsoft Windows graphical user interface.
- Windows let you see the work of an application program.
- Panels are sub sections of windows.
- Illustration shows one window with two panels.



### Using the Mouse

- The mouse lets you move around the interface.
- The cursor is the pointer that shows you where the mouse is on the screen.
- Click the left mouse button to select commands, buttons, geometry, and other elements.
- Double-click the left mouse button to quickly open a file or folder.
- Click the right mouse button to access a shortcut menu of frequently used commands.



### Running Programs

- The quickest way to start a program is to double-click on a desktop shortcut.
- Some programs may not have desktop shortcuts.
- The Programs menu lists all of the application programs resident on the computer.



### Exit a Program

- Select or click File, Exit to end a program.
- If the file has unsaved changes, you have the chance to save the them before exiting.



## Opening a File

- The quickest way to open a file is to double-click on it.
- The File menu displays your most recently used files.

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## Saving and Copying Files

- Saving a file preserves the changes that you have made to it.
- Use File, Save As to copy a file.
- File, Save As creates an exact duplicate of the file as it existed at the moment that you copied it.



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## Resizing Windows

- Allows you to customize the appearance of your screen.
- View multiple files at the same time.
- Use ← → ↑ ↓ ↻ to change the size of a window.
- Use ⇧ ⇧ ⇧ to change the size of panels within a window.

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## Using the SolidWorks Interface

- SolidWorks windows display graphic and non-graphic model data.
- CommandManager tabs display frequently used commands.



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## Left Side of SolidWorks Window

- FeatureManager® design tree
- Property Manager
- Configuration Manager



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## Right Side of SolidWorks Window

### The Task Pane

- SolidWorks Resources
- Design Library



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## Right Side of SolidWorks Window

### The Task Pane

- Toolbox
- File Explorer



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## CommandManager

- CommandManager tabs include buttons for frequently used commands.
- The visible tabs change based on the open document type: part, assembly, or drawing.
- The CommandManager is displayed at the top of the window.




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## Getting Help

### To view comprehensive online help:

- Click 
- Select Help, SolidWorks Help.
- Help displays in a separate window.



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