

# Stop Motion Videos in the Classroom

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**CREDIT: “Windows” and “Windows Movie Maker” are registered and trademark products of Microsoft Corporation**

## Stop Motion – Setup and Digital Photography

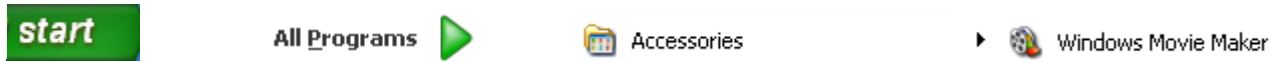
1. Before using your workstation to create a stop motion video, you must first take digital photos in sequence that will be used to create the video (from beginning to end).
2. The following items are needed in order to successfully expedite this process:
  - a. Digital camera **WITH** memory card reader
  - b. White board with white board markers

OR

  - c. White copy paper with markers
  - d. Tripod or make-shift stand (meter sticks on top of an upside down stool, soda bottle with screw on camera tri-pod mount)
  - e. Eraser (old socks work great!)
  - f. Masking tape to hold camera still in place
3. Set up your apparatus and place your camera securely above or in front of your whiteboard. It is recommended to use masking tape to secure the digital camera in place. This will help in avoiding the digital camera being moved between taking photos.
4. After having planned out your project/video, take digital photos from start to finish. **NOTE: SOME DIGITAL CAMERAS ALLOW USERS TO CHOOSE THE FILE SIZE IN WHICH PHOTOS WILL BE CAPTURED. SMALLER FILE SIZE CAPTURE IS RECOMMENDED, WHICH MAKES VIDEO PROCESSING MORE MANAGEABLE FOR MOST WORKSTATIONS.**
5. It is strongly recommended that when you are transitioning from one photo frame to the next, you only draw small baby steps. This way your video does not “jump” (your transitions from frame to frame will not be so large).
6. When finished taking all digital photos, download the photos onto your workstation. Expedite this by first creating a file folder on the desktop of the workstation. Download your digital photos into this folder. This will make it easier to navigate to, does not slow down network/server speed due to file transfer, and will make the overall time spent on the project less.
7. Only after you have finished taking all your photos and have downloaded them from the digital camera’s memory card should you proceed onto **“To Import Digital Photos & Create Stop Motion Video”**

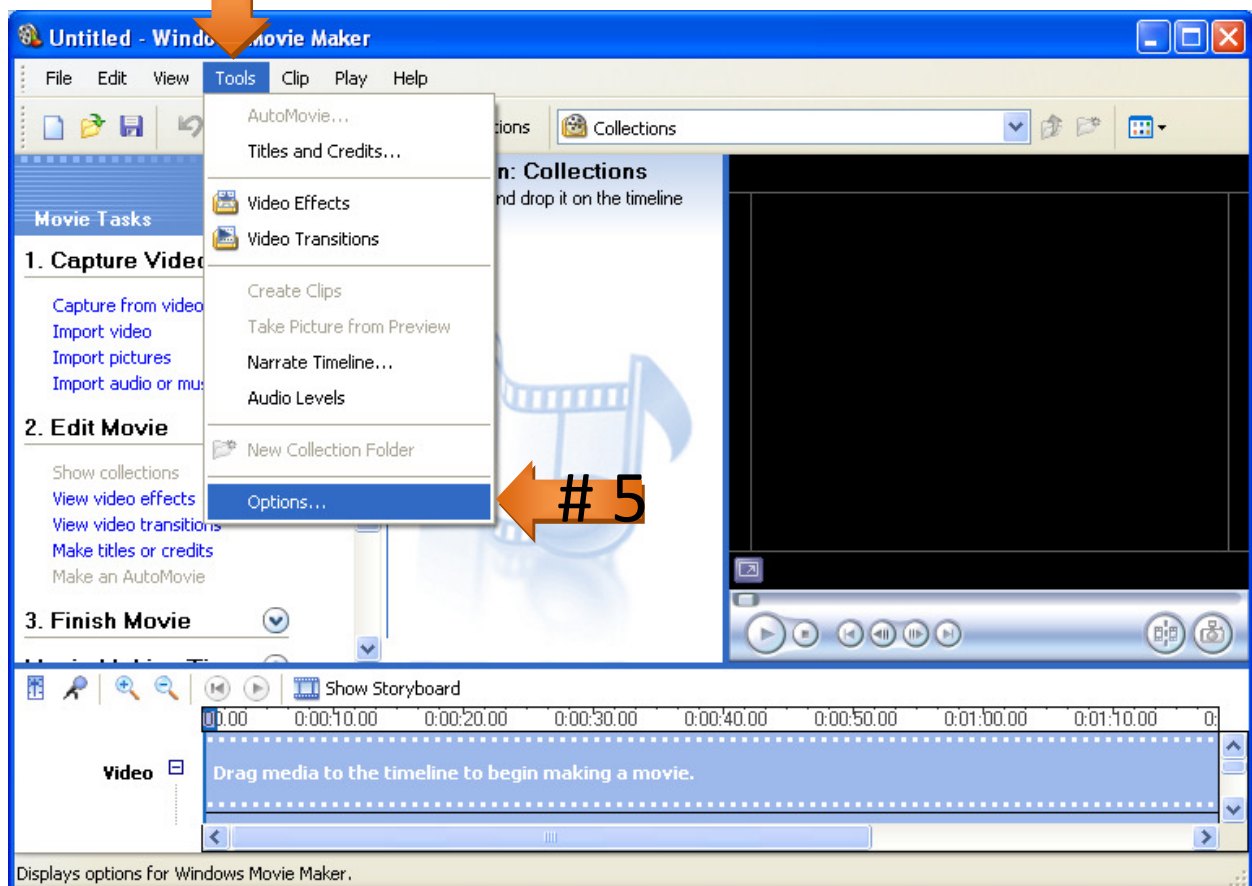
## To Import Digital Photos & Create Stop Motion Video

1. Start by opening Windows Movie Maker, which is built into your operating system. If not, it can be downloaded from the internet.
2. <http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=d6ba5972-328e-4df7-8f9d-068fc0f80cfc>

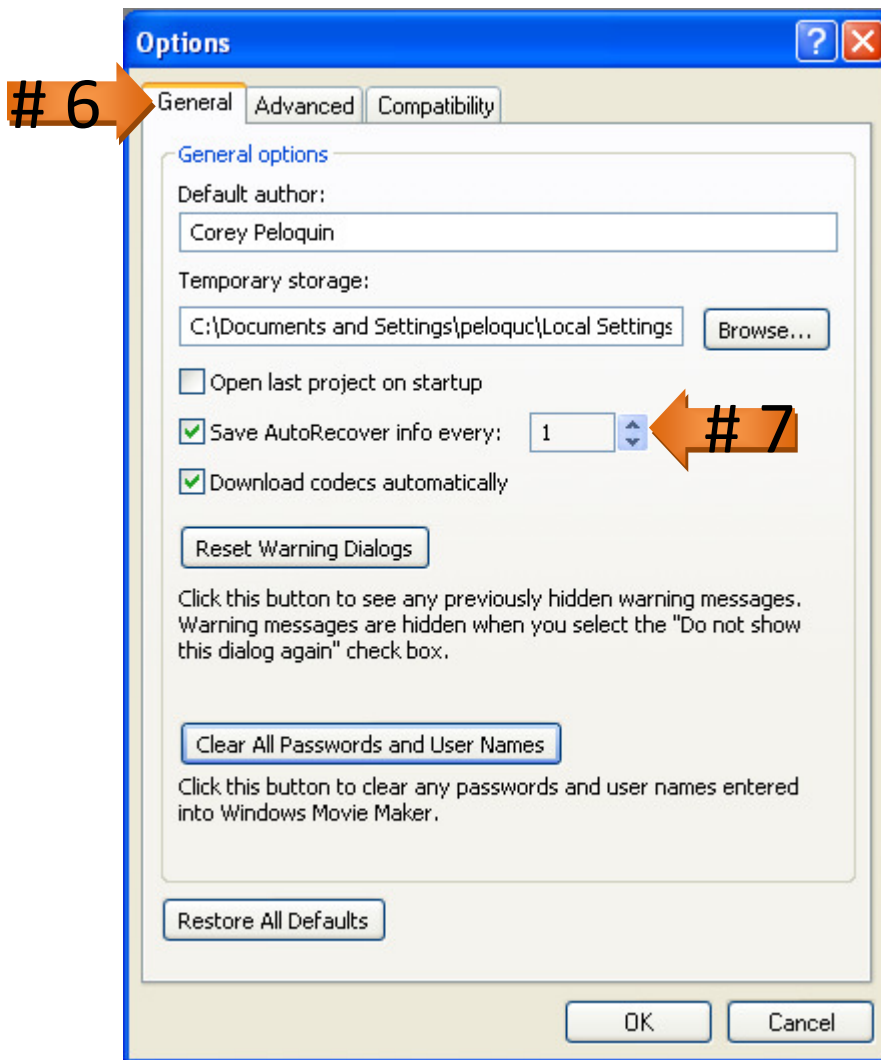


3. To do so, click on **Start**, **All Programs**, **Accessories**, and finally on **Windows Movie Maker**.
4. You will start by adjusting the settings to the program. First select **Tools**.
5. Select **Options** from the drop down menu.

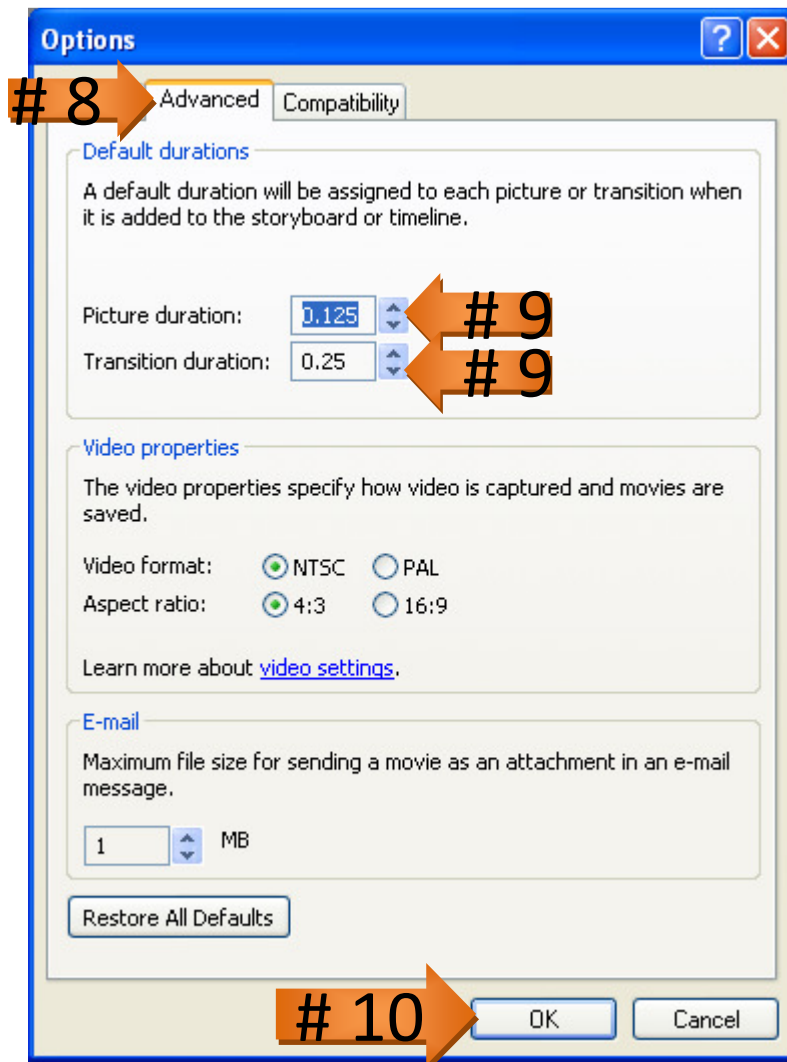
# 4



6. When the Options dialog box appears, click on the **General Tab**.
7. Be sure the “Save AutoRecover info every: \_\_ minutes” is set to 1 minute. In the event that your computer fails, this will minimize the amount of work lost.



8. Click on the **Advanced Tab**.
9. Change the picture duration to **0.125** seconds and transition duration to **0.25** seconds.
10. Click **OK** when both of these times have been changed.

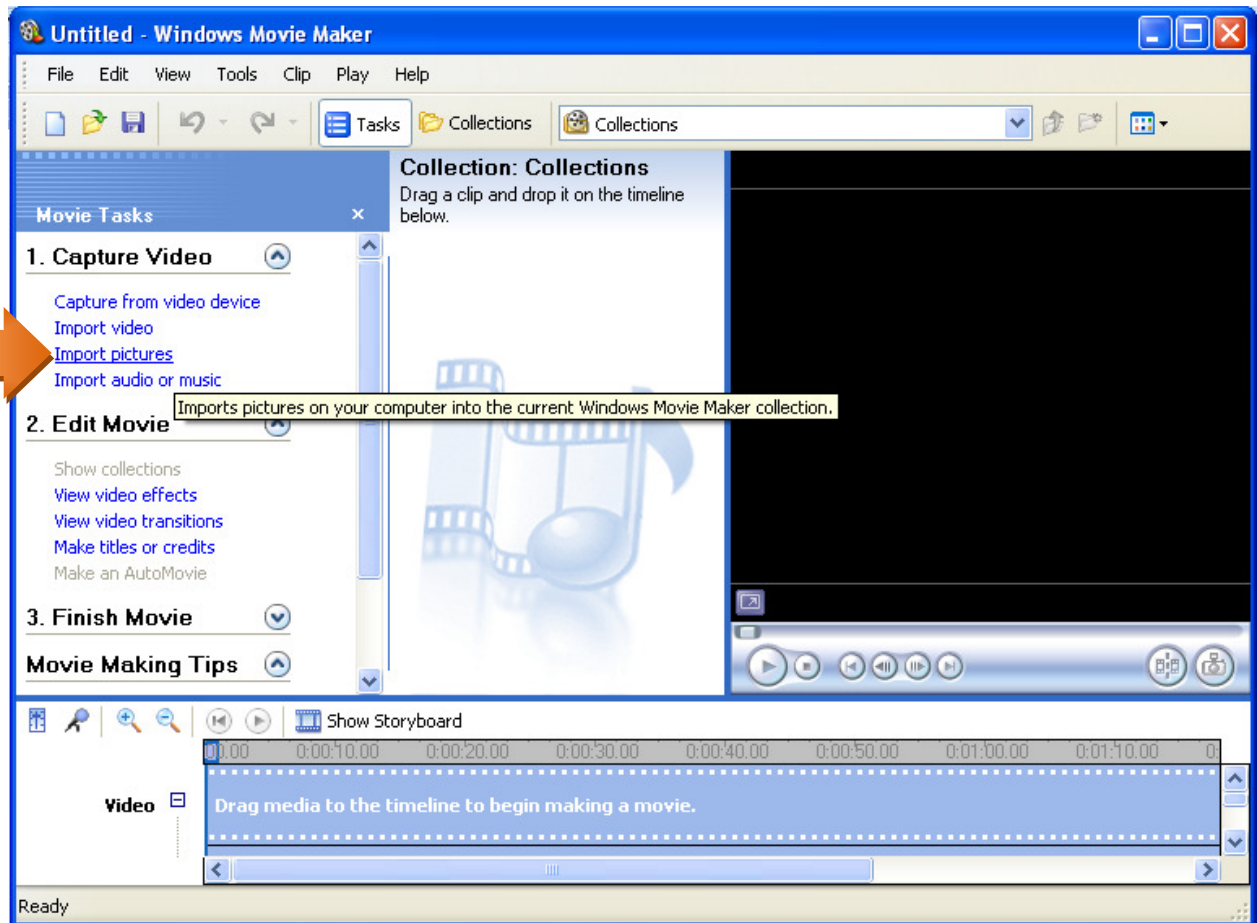


11. You are now ready to import your photos into the application.

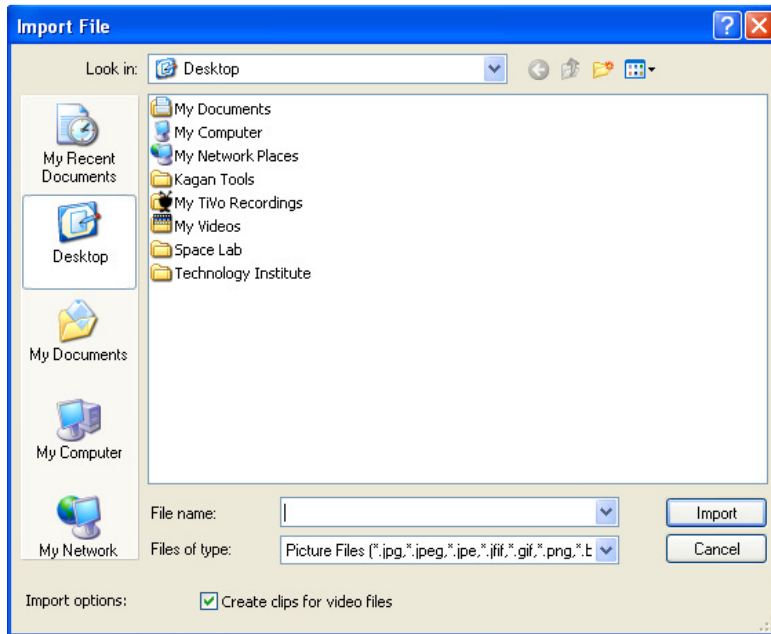
**\*Be sure you have adjusted the picture duration time BEFORE you try to complete the following steps. This will save you from having to manually adjust each photo's duration after placing them on the storyboard.**

12. Once at the main screen, find and click **Import Pictures** found under the “1. Capture Video” heading.

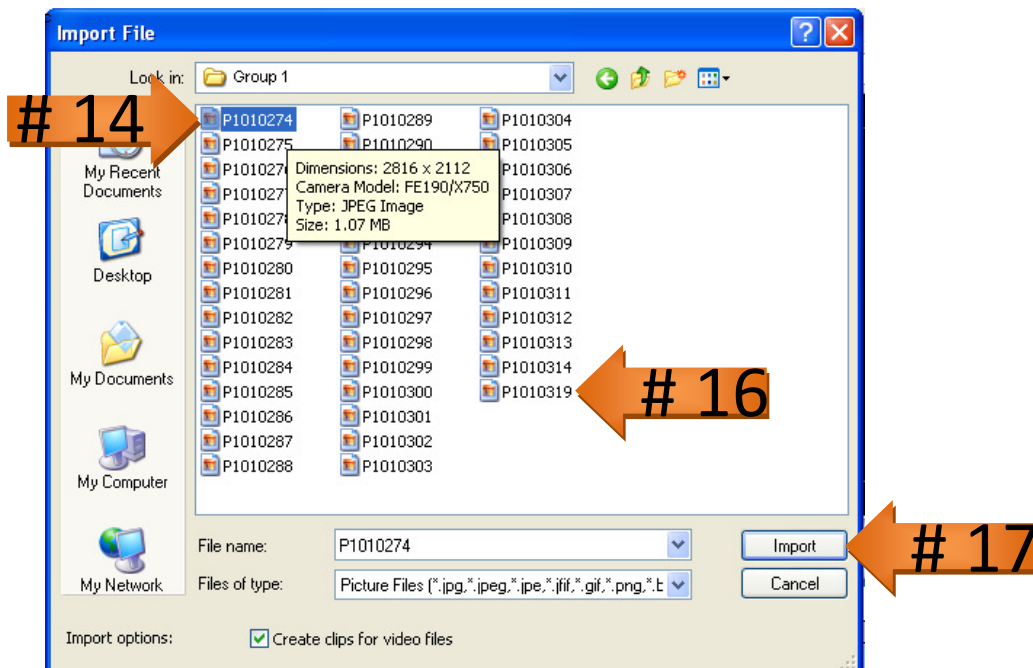
# 12



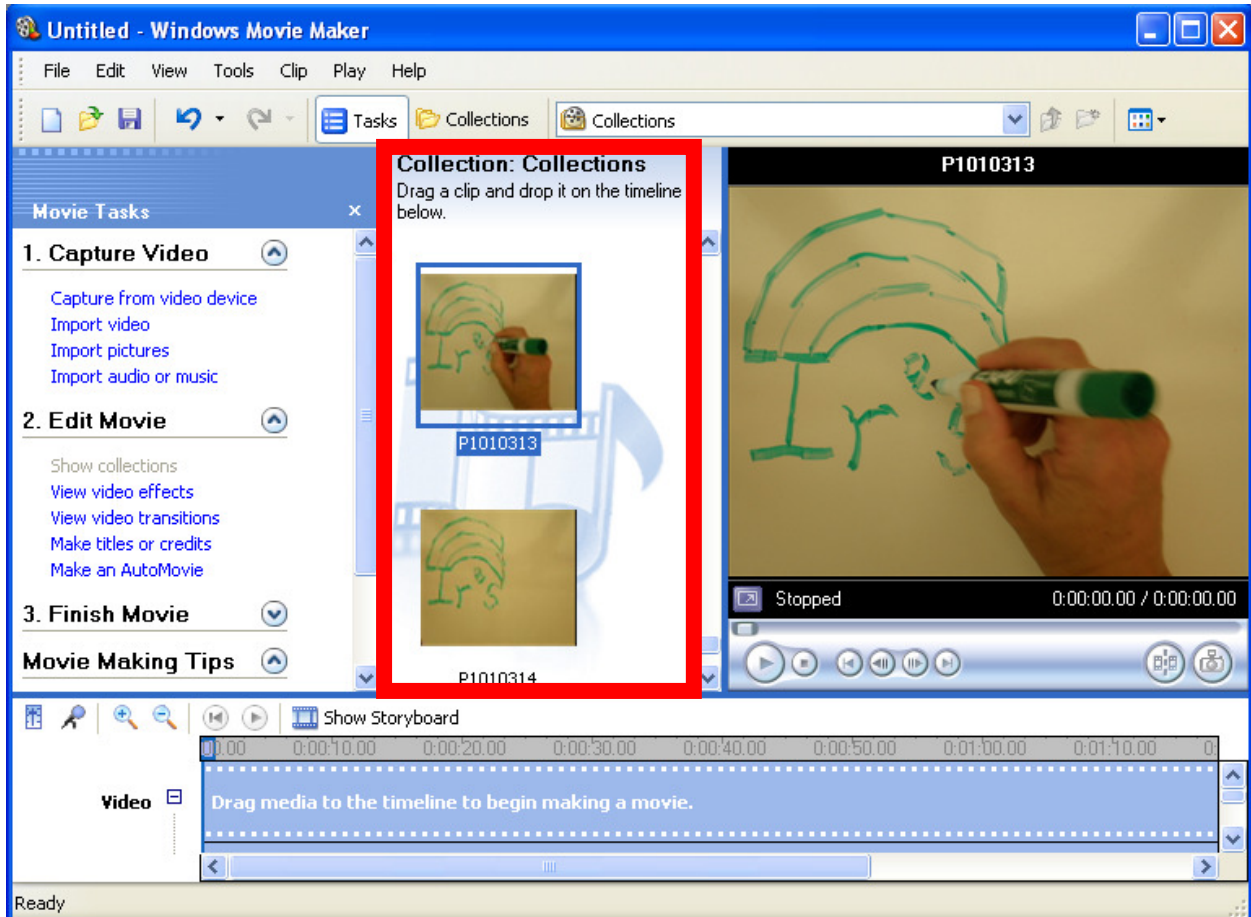
- When the Import File dialog box appears, target the location of your digital photos that you downloaded. ***It was earlier recommended that the digital photos be downloaded to the desktop of your workstation.***



- Once in the folder that contains all of your digital photos, click on the first file shown.
- Press and hold the **Shift** key.
- Now click on the last digital photo found in the file folder. All of the digital photos found in the file folder should now be highlighted/selected.
- Click on Import.



18. The digital photos should all now show in the “Collections” box on the main screen.

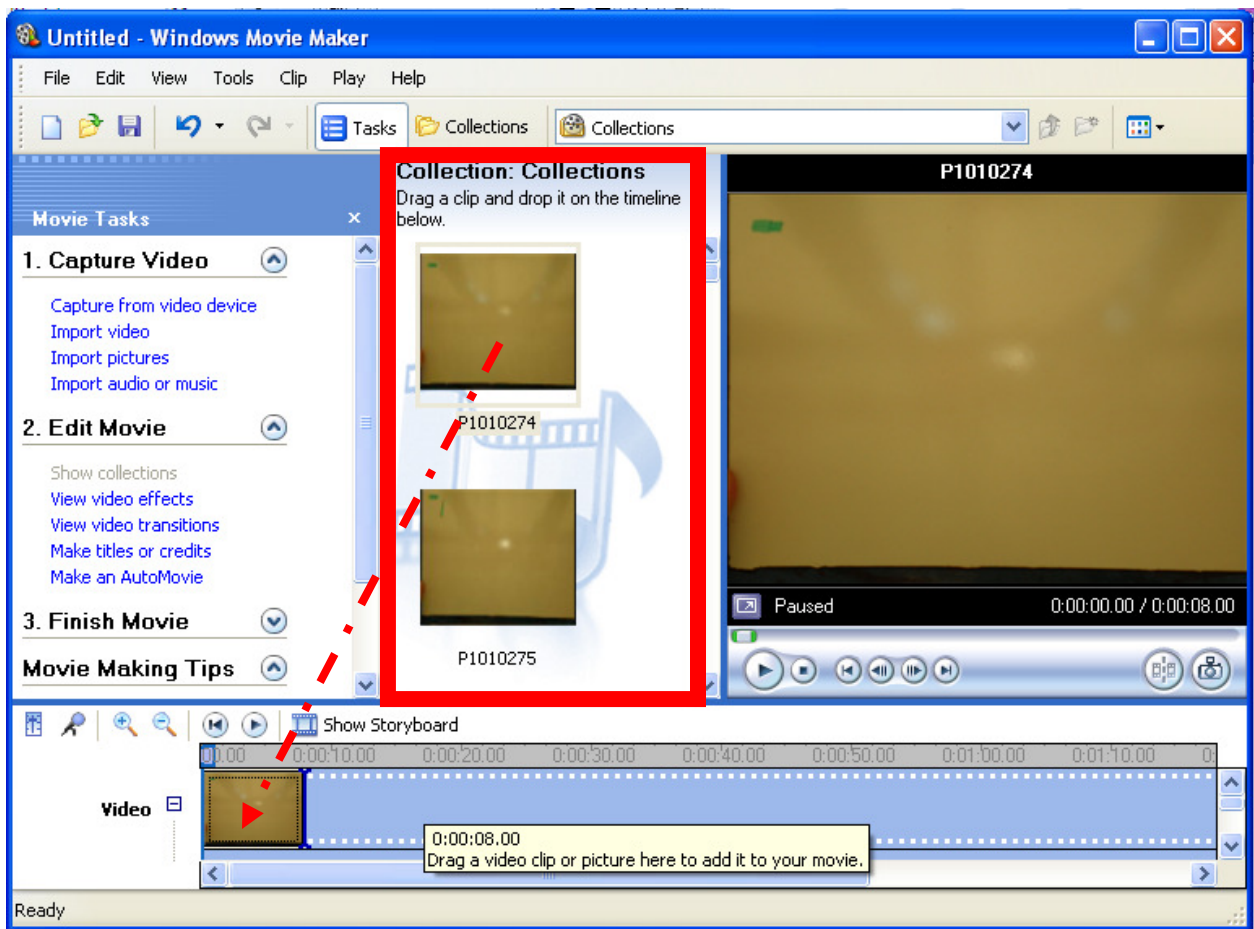


19. Just like steps # 14 – 16 above, you will now click on the first digital photo found in the Collections box.

20. Press and hold the **Shift** key.

21. Now click on the last digital photo found in the Collections box. All of the digital photos found in this area should now be highlighted/selected.

22. Drag the digital photos down into the storyboard located at the bottom of the application window. Your digital photos will now appear in the storyboard in the order they were taken.



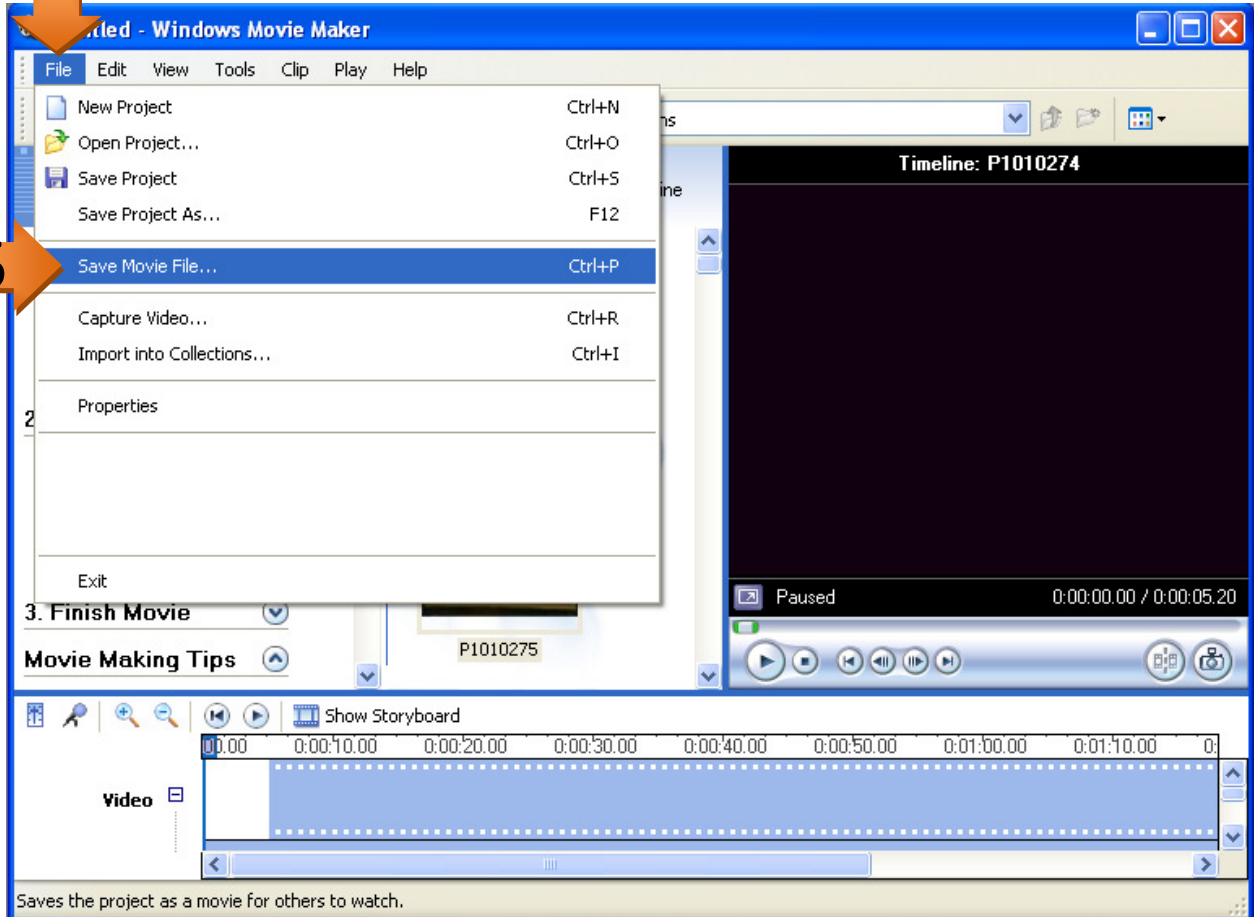
23. Use the preview pane found at the right side of the screen to preview your video.

24. To save your video as a movie file, select **File** from the task bar

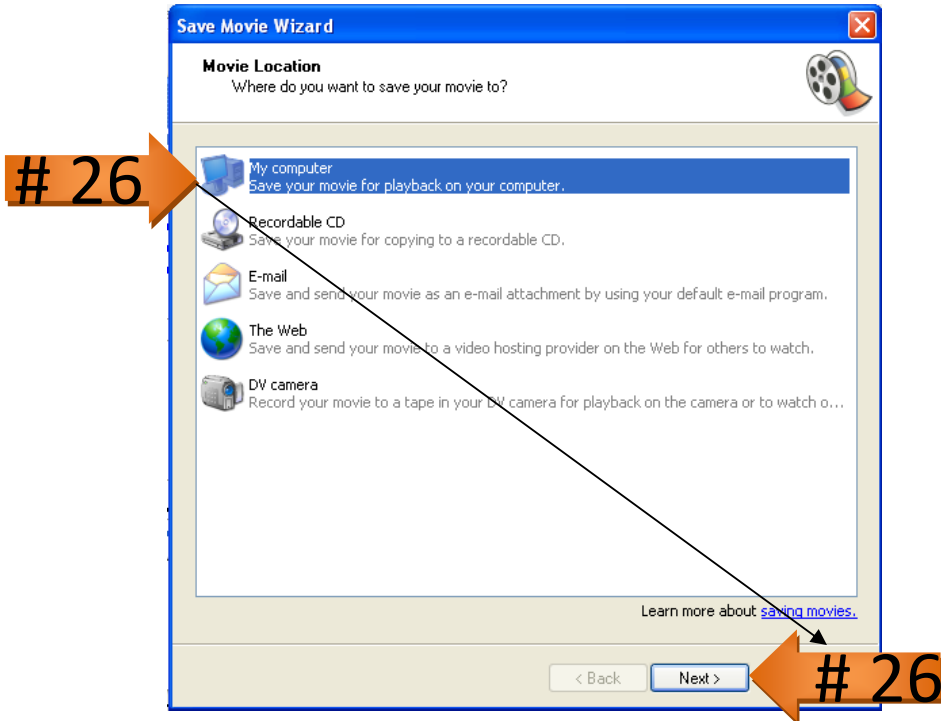
25. Choose **Save Movie File...** from the drop down list

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# 25

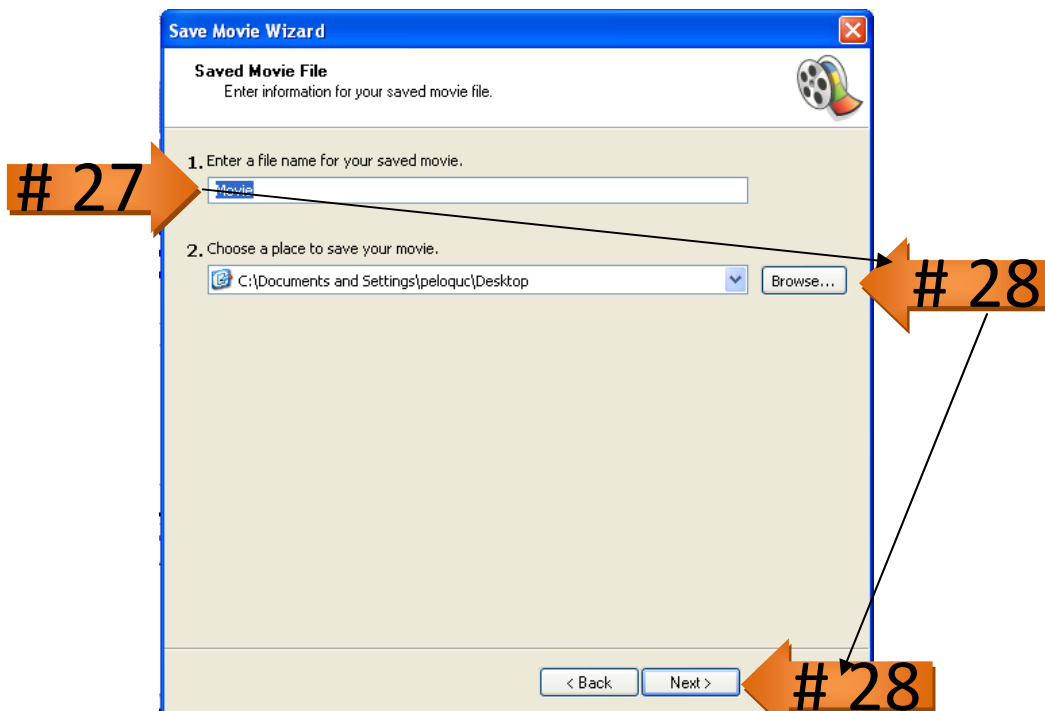


26. The Save Movie Wizard dialog box will appear. Be sure “My computer” is highlighted. If not, select “My computer,” then click **Next**.

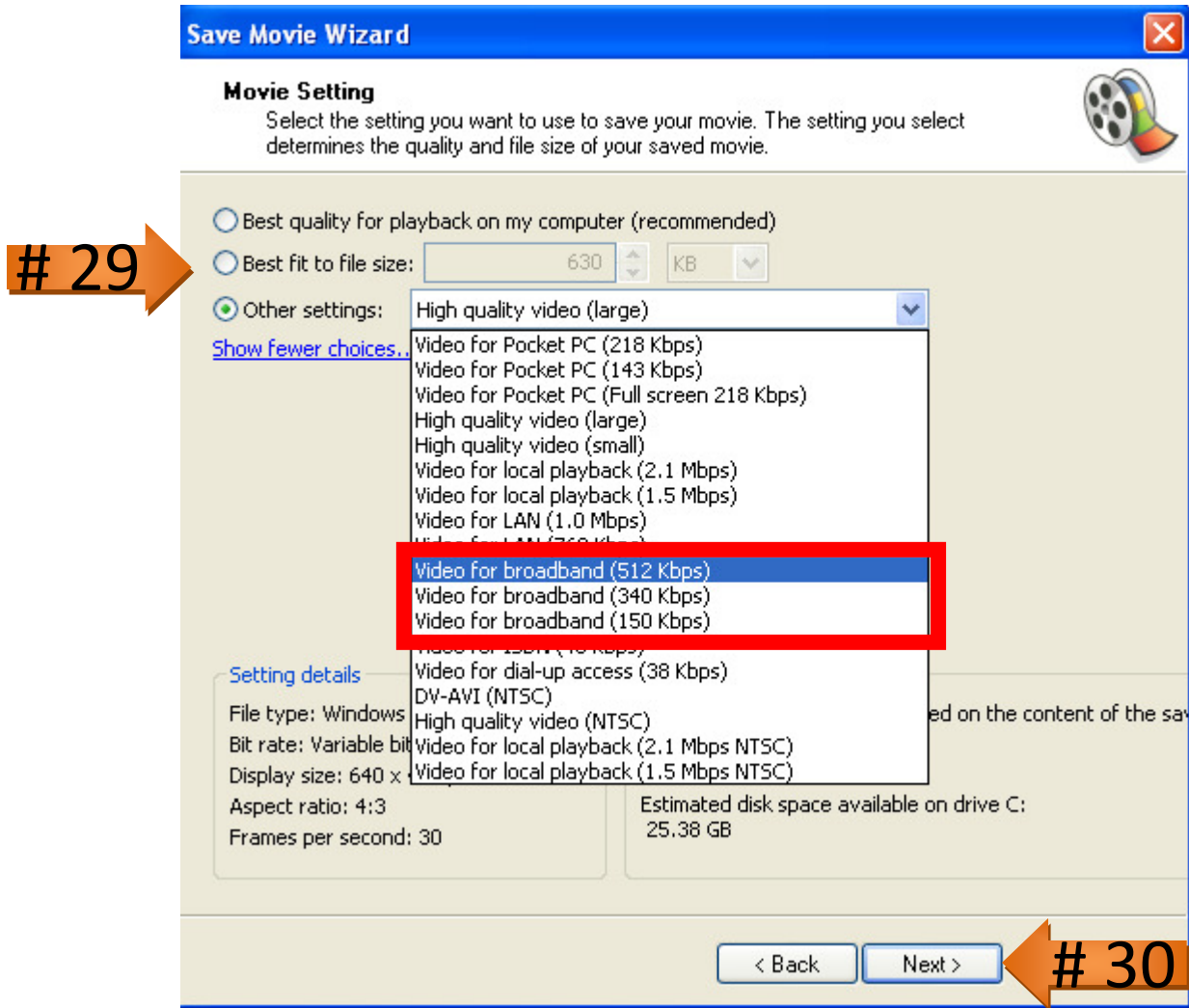


27. When the next dialog box appears, create a file name in box # 1

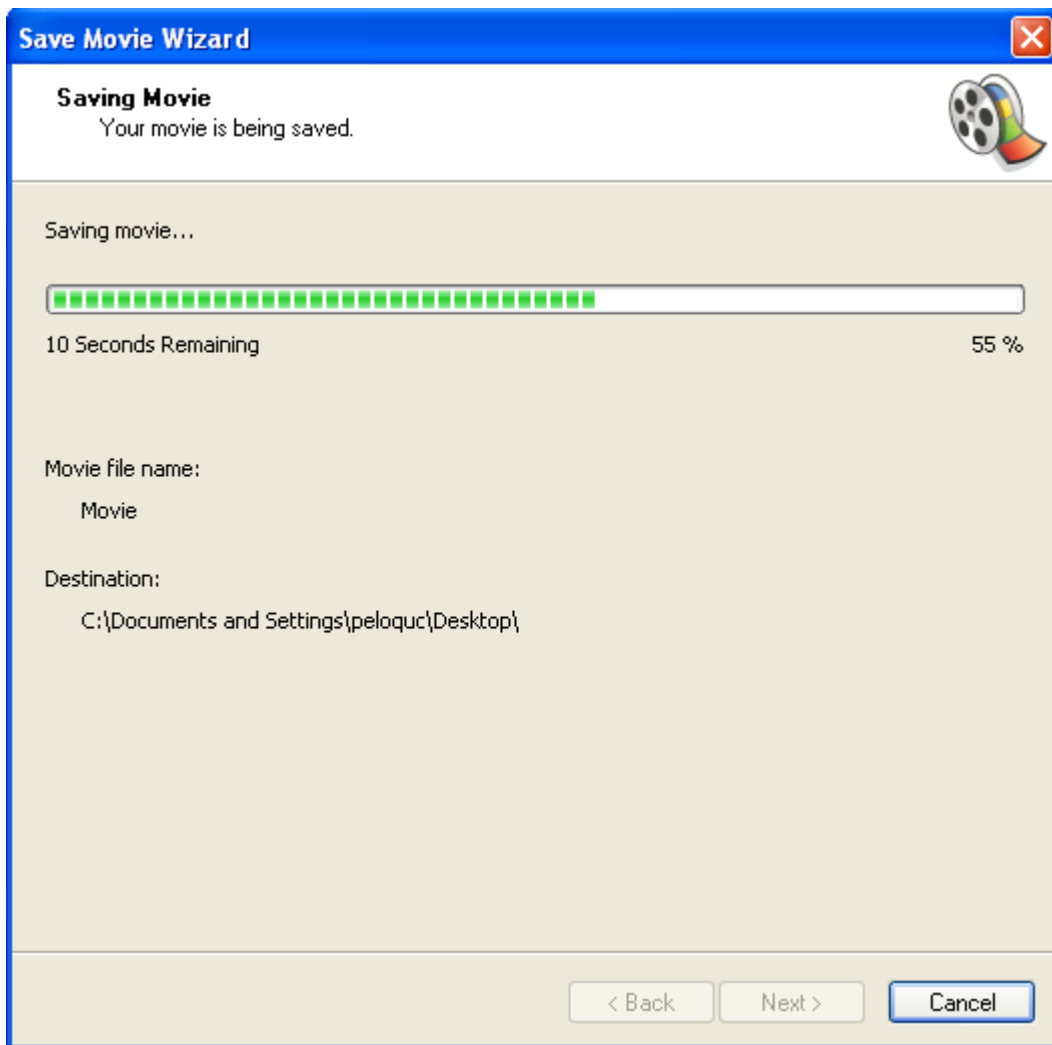
28. Choose a location for the movie file to be saved to by targeting the location in box # 2, then click **Next**



29. The next dialog box will by default have “best quality for playback on my computer (recommended)” selected. If you plan to host/broadcast the movie on the internet, consider selecting “**Other settings:**” and selecting “**Video for broadband (512 Kbps) / (340 Kbps) / (150 Kbps)**”
30. After selecting the quality and file size in step # 29, select **Next** to begin creating the video



31. The movie will now be created using the settings previously selected. Time status and percentage complete will be shown



32. The movie will be created. When the movie is finished, click **Finish** and the movie will start to play