

TASK 5

Create an animated story

Now let's put everything together and create an animated story. For this project, you can use your own photos or pictures you downloaded from the Internet, your own sound recordings or any music you like. You can also add videos from your video camera or use videos you found online. To finish with a nice-looking movie, you can add some visual effects. Start **Windows Live Movie Maker** and let's begin!

To add videos and photos:

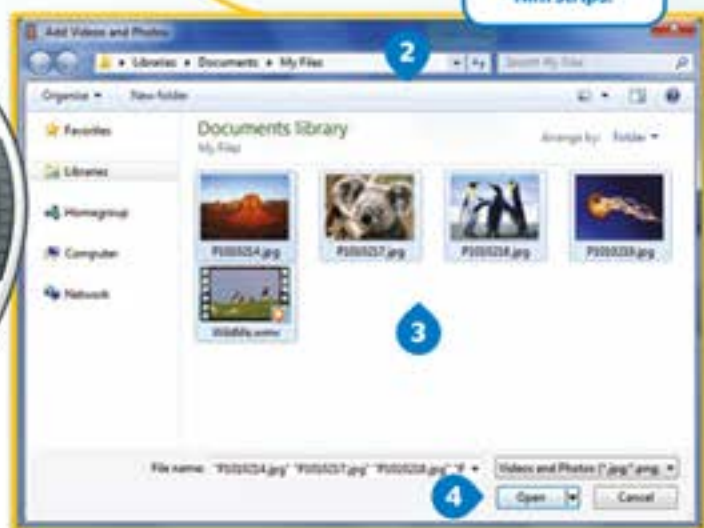
- > On the **Home** tab, in the **Add** group, click **Add videos and photos**. 1
- > In the **Add Videos and Photos** window, 2 locate and click the photos and videos you want to add to your movie. 3
- > Click **Open**. 4



You can rotate one or more of your photos or videos by clicking them and clicking the **Rotate left** or **Rotate right** buttons.

You can change the order of the photos and videos by clicking a thumbnail and dragging it to the place you want.

Your photos appear as thumbnails and your videos as film strips.

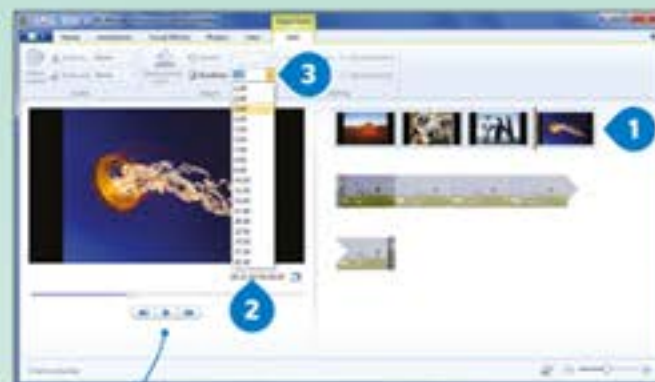


You can select more than one file at the same time and add them with one click.



To change how long one or more of your photos are going to appear in your movie:

- > Click the photos you want. 1
- > On the **Edit** tab, in the **Adjust** group, in the **Duration** list click a time (in seconds) 2 or type a custom time in the text box. 3



You can play your movie at any point by clicking the **Play** button to see the result of your changes.

Sometimes a video is too long and we only want to use a small part of it.

To trim a video:

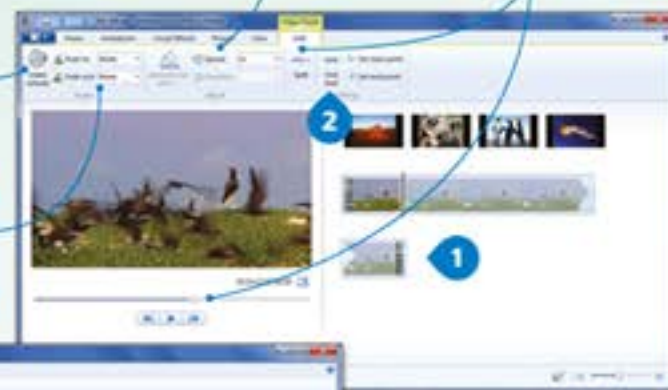
- > Select the video you want by clicking it. 1
- > On the **Edit** tab, in the **Editing** group, click **Trim tool**. 2
- > Use the trim sliders to set the start point 3 and the end point 4 of your new clip.
- > When you are done, in the **Trim** group, click **Save trim**. 5

You can also change the speed of a video from this drop-down list.

Move the seek slider to a specific point and click **Split** to split the selected video into two video clips at the current point.

Use the **Video volume** slider to adjust the overall volume of a video.

You can make the sound of a video **Fade in** at the beginning and **Fade out** at the end of the clip by using the drop-down lists.



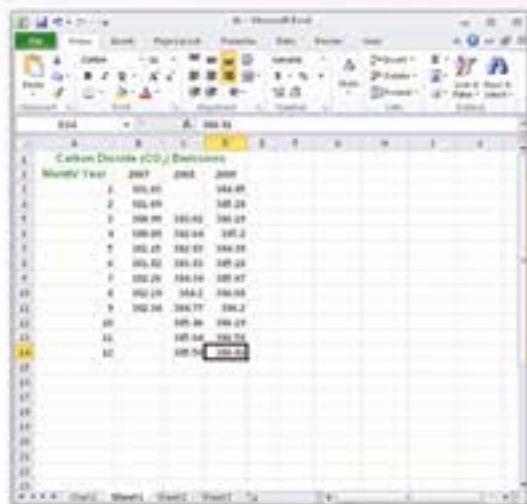
Don't be afraid to experiment with all these options. You may create something better than you had in mind.

TASK 6 Project

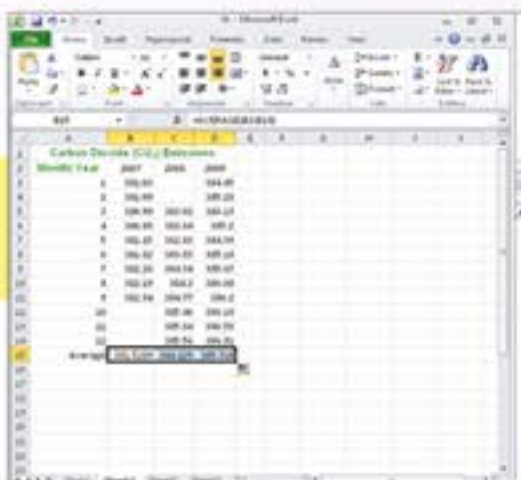
If you want to analyze some data, first of all you need to gather it. Brainstorm a list of the ideas that you want to include in your analysis. Write the ideas down on a notepad and don't forget to write down all the things that you want to display and compare.

1

Browse the Internet to search for data. Try to cross-check all your information to make sure it is correct.

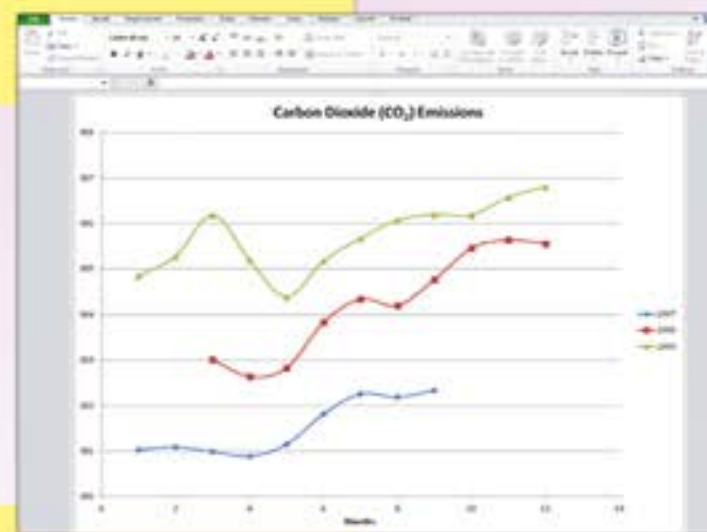
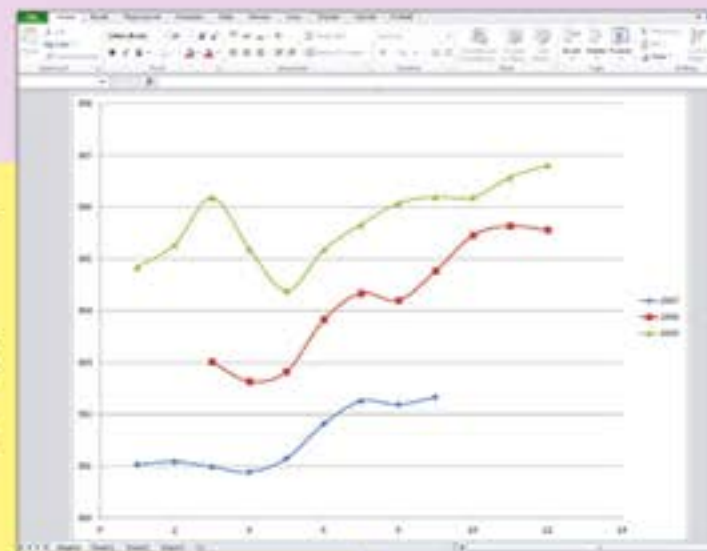


When you finish collecting your data, open Microsoft Excel and type it in an appropriate way. Keep in mind that you have to add titles to the first column and in one or two rows so that you know what is shown in every cell.



After inserting your data, create the formulas that you need. Don't forget that empty cells are ignored!

Next, you can illustrate your data with the help of graphs. Remember that you use graphs to make comparisons between one or more series of data points. In this way, you can present your data in a more interesting way. You can add a chart title and axis title to make your graph more attractive and comprehensible.



Finally, print the graph and data table.

2

Form teams and analyze relevant data about the top five countries with the most medals in the Olympic Games in the last twenty years. Ask your PE teacher for more information.

Don't forget to illustrate the data with the help of a graph. Print the graph and the table and share them with your classmates.

Other platforms

Bento for iPhone/iPad

You can create and edit your personal contact database on your iPhone or iPad. You can also create your own event database to remember all important events at school or with your family. You can also import your contacts or create your own custom database to store any kind of information you want.



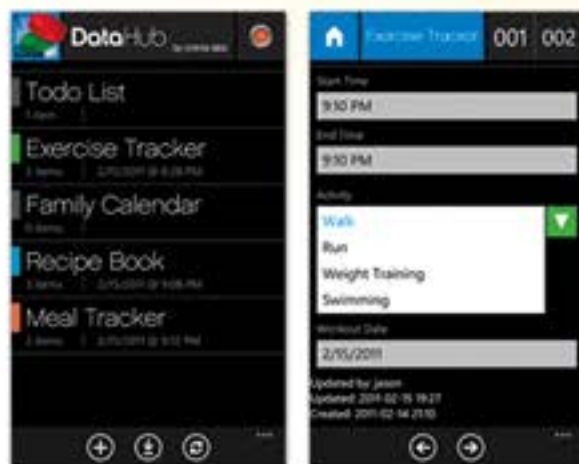
Memento for Android

Use Memento to gather all the information about your DVD collection or book library. Categorize your database by Director or Author and extract any information that you want. Find out how many books you have by a certain author or how many movies with your favorite actor.



DataHub for Windows Phone 8

If you are using a Windows Phone and you want to create your own database, you can use DataHub. Create a family calendar, a recipe database for your favorite dishes or an exercise tracker to help you stay fit!



wrap up

Now you have learned:

- > how to collect information.
- > how to organize it into a database.
- > how to retrieve information with filters and sorting.
- > what primary key and relationships are.
- > how to collect personal information.
- > how to use a datalogger for lab experiments.



GLOSSARY

CSV	export	key	record
custom filter	field	multi-level sorting	sort
data	filter	one-to-many	table
database	ID field	one-to-one	relationship
data collection	import	primary key	
datalogger	information		