



GRAND BYTES

Grand Computers Club Newsletter

December 2023



Why are you a member of the Club? We want to know!	1
Happy Holidays & Did You Ever Think About Magnets??	2
Education: Classes being offered for December	3
Coffee Chat City of Surprise Library Update	5
The Financial Education SIG has five meetings in December	6
Sherman, Set the Wayback Machine To 2000-2009!	6
New Technologies: Want to cut-the-cord? AND AI and Photo Editing	7
Holiday Wish from all the Grand Computers Club members	8

Why are you a member of the Club? We want to know!

Our board is doing some forward-looking planning. We are committed to continuously improving the services and amenities we offer our members. To do this well, we need to know more about how you use the Club.



Barb Vivian
President

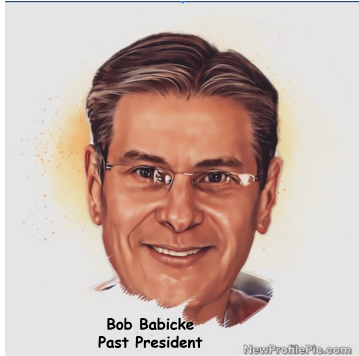
All of us board members and other Club leaders have “feelings” about this, but this is not the best way to plan because these “feelings” can be limited to our personal experiences at the Club and not reflective of what our members actually do. We want to find out how you choose to attend various club meetings, classes, Special Interest Groups (SIGS) meetings, and how you use our Open Use Room. What can we do more of, less of, or do better?

To find out, we will conduct surveys, focus groups, and more to find out what we don’t know, and with this information, we will begin a planning process to take us into 2024 with a strategic direction for the Club.

Will you please help us out by completing the survey you will receive in the upcoming weeks? It will be delivered to your inbox and take only a few minutes to complete and return. In addition, we will be asking individuals to participate in some small group discussions (focus groups), so please say yes if invited to participate.

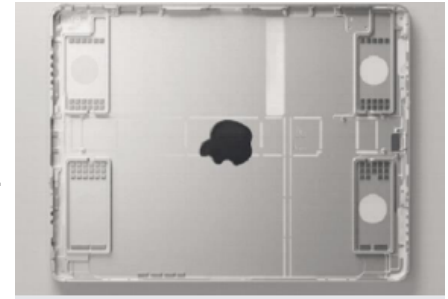
Happy Holidays & Did You Ever Think About Magnets??

I hope this article finds all of you doing well and getting ready for the upcoming holiday season. Speaking of the holiday season, I imagine that many of you will either receive or purchase new technological gifts (iPhones, iPads, etc.). Well, have you ever thought about how many magnets are used in these products? Probably not top of your mind but doing my research I found this fascinating.



Small magnets placed inside the fuselage of Apple's iPhone, iPad, and MacBook, have always been an indispensable part of Apple's product design. The iPad Pro works like a refrigerator sticker because Apple stuffed **102** magnets into it.

Apple's new iPad Pro is crammed with lots of small rare earth magnets, which are neatly distributed around the four speakers of the body, and some are placed on the left and right sides so that the external keyboard protector and Apple Pencil can stick together steadily with the iPad Pro.



Apple's iPhone 15 models are equipped with more magnets than prior models, featuring a ring of **18 magnets** that surround a wireless charging coil to support MagSafe-based accessories.

AirPods - **Two built-in** Magnets. A main ingredient in this product is the **neodymium magnet** that is found within each earpod, acting as the key component of the speaker which releases sound. **Four magnets** are also hidden in the top cover of the AirPods charging box.

Apple Watch, some of the bands, the Apple Watch Magnetic Charging Cable, and the Apple Watch Magnetic Charging Dock contain magnets. The Milanese loop, leather loop and smart buckle all contain magnets.



These electromagnetic fields and magnets may **interfere** with medical devices, such as pacemakers and defibrillators.

Companies other than Apple often employ magnets in their products. One watch band (pictured above) for the Apple Watch contains a total of **38 magnets** in the band.

It's no exaggeration to say that as long as there are magnets, Apple can try not to destroy the appearance of the product as much as possible, but also give them the ability to expand the connection.

More importantly, for most users who are using Apple devices, they may not notice the presence of magnets when they connect products to accessories.

Again, I wish all of you a happy and healthy holiday season and that I have given you a better understanding of the variety and number of small working magnets in some of the Apple products.

[Education: Classes being offered for December](#)

There are still a number of classes being offered for the fall session.

Look at the list of courses available by going to [Grand Computers Club](#)

Click **>Education Tab>Register for classes<** on the home page or scan the QR code.

Register for the class

To sign up for a class in the classroom, Click **Register** button

To sign up for a class online, Click **Online** button.

You might have to login again and follow the directions.

Your seat in the class is not guaranteed until the class fee is paid. You will receive an email confirmation (almost immediately) that confirms you have paid the class registration fee.



Register for Classes



Marie Frasca
Education Director

Classes available in the classroom or online for December

PC Classes

PC Basic Beginning Internet Skills (Class 2) (Prerequisite: Very basic computer knowledge)
--

Register Dec 11 (Mon) at 3:30 pm

Windows 10 &11 Edge Browser (Class 6) (Prerequisite: Windows 10 and 11 Basic or PC knowledge)

Register Dec 13 (Wed) at 10:30 am

Windows 10 &11 Photos App (Class 7) (Prerequisite: Basic PC knowledge)
--

Register Dec 6 (Wed) at 10:30 am

Mac Classes

Photos for Mac (Prerequisite: Familiarity with using a Mac)

Dec 4 (Mon), 8 (Fri) at 10:30 am

Other Classes

Gmail - Understand How it Works (Prerequisite: Familiar using keyboard)

Dec 5 (Tue), 7 (Thu) at 10:30 am

iMovie (Prerequisite: Familiar using a Mac)

Register Dec 15 (Fri) at 10:30 am

Internet Resources for Creativity - Online (Prerequisite: None)

Online Dec 6 (Wed) at 1:00 pm

iPad Basics - Set up (Prerequisite: Familiarity with an iPad)

Register Dec 11 (Mon) at 10:30 am

Password Security and Management - The Basics (Prerequisite: Basic PC and Mac)

Dec 8 (Fri) at 1:00 pm

2023 WINTER SESSION TENTATIVE DATES

January 2, 2024 – Tuesday, Classes released to the membership for view only.

January 8, 2024 – Monday, Registration begins at 8:00 am for all members.

January 15, 2024 – Monday, Classes begin.

April 26, 2024 – Friday, Classes ends.

Volunteers are needed for Instructors and Class Assistants

If you are interested in teaching contact the education director at education@grandcomputers.org

If you are unsure of your abilities to teach, consider assisting in the class.

You might be surprised by your abilities. If you are interested in assisting the instructor in a class, contact the education director at education@grandcomputers.org

The following is a list of courses needing instructors.

If interested and have questions, please contact education director:

education@grandcomputers.org

Title	Type		
Cybersecurity MacOS Hardening	Mac	Google Sites - Create a Holiday Memory	Other
Cybersecurity Safari and Time Machine	Mac	Google Sites - Create a Travelog	Other
Keynote for Mac	Mac	iPad/iPhone/Apple Watch: How to Buy One	Other
Reunion 12 Genealogy for Mac	Mac	iPhone Photos App	Other
		iPhone Wonderful World of Apps	Other
Android Tablets	Other	iPhoto Camera App	Other
Apple (Mac, iPhone, iPad) Backup	Other	Google Apps for Connected Devices	Other
Cybersecurity Google Chrome Hardening	Other		
Dropbox	Other	Cybersecurity Windows 11 (OS) Hardening	PC
Elements 3a Text in Photo Editor (Class 3a)	Other	Quicken Bookkeeping Program	PC
Elements 3b More Text (Class 3b)	Other	Quicken Revisited	PC
Elements 6 Camera Raw (Class 6)	Other	Windows 10 & 11 Advanced Care & Feeding (Class11)	PC
Google Chrome Essentials	Other	Windows 11 Tips & Tricks for PC Laptop (Class 4)	PC
Google Forms - Create a Survey	Other	Genealogy DNA: Introduction 1 and 2	PC
Google Photos Basic	Other		

Marie Frasca

Education Director

Grand Computers Club

education@grandcomputers.org

www [Grand Computers Club](http://GrandComputersClub.com)

Coffee Chat City of Surprise Library Update

Thu, Dec 14 8:30am Chaparral Center, Pima Room
Coffee & Donuts Provided!

Did you know that the transition of our local library from Maricopa County to the City of Surprise is now complete?



Are you not sure if or how you need a new library card? Are you someone who checks out books online and wants to know what has changed?

Would you like to learn what new capabilities that the City will now be able to offer library patrons?

Please come to this session. It will feature a presentation from the City Library staff plus time for questions.

January's Coffee Chat

Thu, Jan 11 8:30am Chaparral Center, Pima Room

"Travel and Technology - Winter 2024 Update"

Find out the latest technology trends and gadgets that aim to make our travel more enjoyable, safer, restful, and informational. Learn how to use travel planning apps; see how AI can give itinerary suggestions; take virtual walk-throughs of locations ahead of time; examine what smart luggage tags are about, and more.

All are welcome to attend. You don't need to be a member of the Grand Computers Club - you don't even need to register - Just Show Up!

Contact VicePresident@grandcomputers.org



The Financial Education SIG has five meetings in December

The Financial Education SIG has five meetings in December. All are in the Chaparral Center.



INVESTING WORKSHOP

First and third Mondays of the month; Apache Room 8:00-9:30

Dec 4 th: **Interest Rates are Back to "Normal".**

Time for Bonds?

Dec 18 th: **Artificial Intelligence and Investing**

FINANCIAL WEBSITES & APPLICATIONS:

First and third Thursdays of the month;

Computer Club classroom 8:00-9:30 AM

Dec. 7 th : 1-**Corporate Robustness: Investigate before Investing**
 2-**Adding Indicators to your Financial Charts**

Dec 21 st : 1-**Corporate Robustness - Part 2**
 2-**TBD/check club calendar**

FINANCIAL EDUCATION SEMINAR:

Second Friday of the month; Hopi Room 1:00-2:30 PM

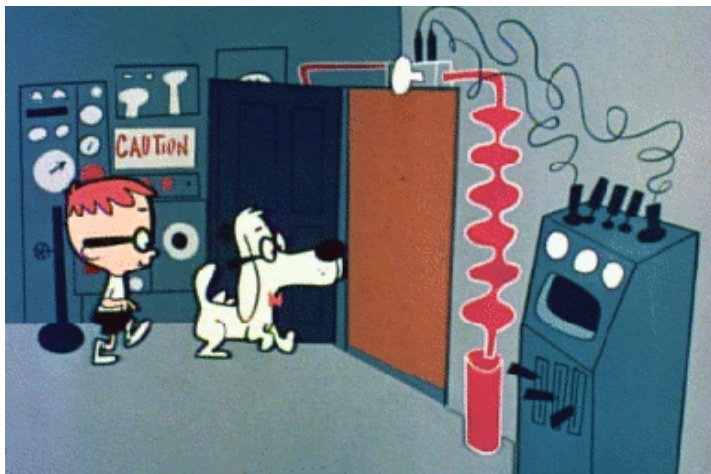
Fri Dec 8 th : **Taxes: Do you Know Your Real Risk in Retirement?**

Guest Speaker: Milo Milosevich of Independent Wealth and Insurance Services

Hope to see you at one of our meetings this month.

Scott Wallick/Harold Tilstra, Financial Education SIG co-leaders

Sherman, Set the Wayback Machine To 2000-2009!



The Grand Computers Club is celebrating its 26th Anniversary! The club was chartered on September 1, 1997. To read some club history and view some pictures from the early aughts.

Click:

[Why was it called "Computers"?](#)

[2008 Slideshow](#)

[2009 Slideshow](#)

New Technologies:

Want to cut-the-cord? **AND AI and Photo Editing**

Thu, Dec 21 3:30pm Chaparral Center, Computer Classroom

Want to cut-the-cord between your device and display? We will discuss technology that allows you to wirelessly connect your device to a display for viewing on a large screen with up to 4K resolution. The devices can be computers, tablets, and phones. It works with PC's, Mac', Game consoles, and iOS and Android tablets and phones. The displays can be monitors, and TV's and not limited to a single output or room. AI and Photo Editing There will also be a brief demonstration on how AI is used for photo editing in a photo editing program I have. It "automatically" separates areas of a photo that can be modified or replaced to create a new scene. There will be examples of sky and background changes. The program is a consumer program, not a professional level.



AI and Photo Editing

There will also be a brief demonstration on how AI is used for photo editing in a photo editing program I have. It "automatically" separates areas of a photo that can be modified or replaced to create a new scene. There will be examples of sky and background changes. The program is a consumer program, not a professional level.

Please contact Tom Shepherd at NewTech@grandcomputers.org if you have any questions.



Special Interest Group Activities (SIGs)

Non-Members may attend 3 meetings before joining the Club.

For Special Interest Group Activities (SIGs), go to <http://www.grandcomputers.org> > SIGs

Or if viewing online, click [HERE](#) or on a logo below.



Holiday Wish to all the Grand Computers Club members



May the spirit of Christmas inspire new ideas, innovative solutions, and collaborative efforts within our computer club. Let the holiday season be a time of reflection on our achievements and a time to set new goals for the coming year.

Thank you for your dedication and passion for all things tech. As we celebrate this season of giving, let's continue to share our knowledge, support one another, and foster a community that thrives on curiosity and creativity.

Wishing you Happy Holidays filled with the magic of technology, and the warmth of friendship.

Cheers to a wonderful holiday season and a fantastic year ahead!

See you at the Club in Jan 2024 !

[Click HERE for Recent Newsletters](#)

Interested in writing an article for the GrandBytes newsletter?

We welcome technical articles that may be of interest to our members.

Please send comments, corrections, suggestions and newsletter articles to

publicity@grandcomputers.org