January 1, 2026

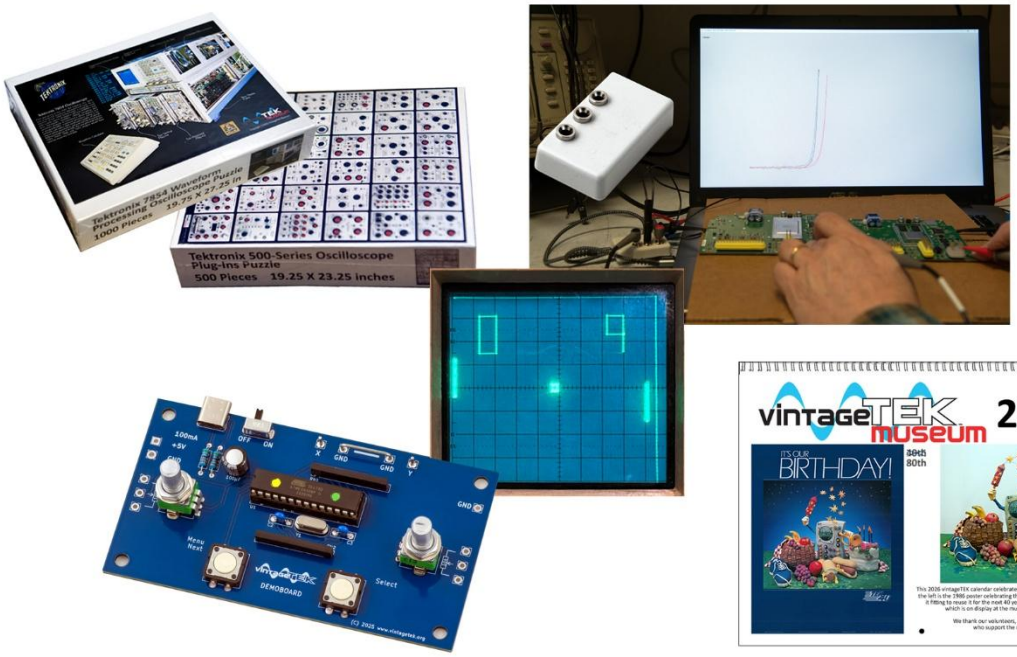
2025 End of Year Report

It was a good year for the museum. Attendance on our open Saturdays has increased and is sometimes a bit challenging for the number of volunteers we have for tour guides. We've adjusted by combining later groups with an existing tour where possible. Visitors range from individuals with no knowledge of Tektronix or electronics, but saw us on Google Maps, to significant users and former employees who have the knowledge and history to conduct their own tours.

For those not able to visit on our open days, we opened nearly 50 times to accommodate their schedule. Some of these visitors are international and visiting the museum was on their "bucket list" with special travel arrangements to Beaverton. Some of these tours exceeded 3 hours due to the interest. It was great to also host a number of special tours for groups from Tektronix. We are in need of more volunteers willing to do tours.

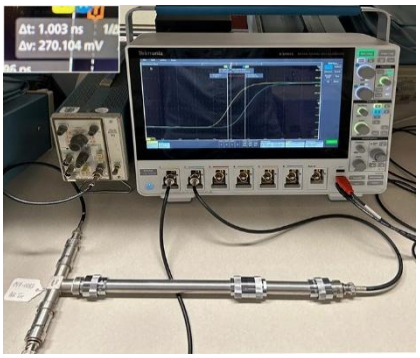
We added 6 new volunteers to the museum, of which only two were former employees. They have assisted significantly with museum collections, instrument repair, display exhibits, and STEM demonstrations. We have four non-local volunteers of which three are international, who assist with research and design. Four volunteers have stepped up to assume the workload from our very productive former Chairman, Bob Haas, who passed last year. These tasks include YouTube, where we have 180+ videos and 11,700 subscribers, eBay sales, builds of exhibits and for-sale items supporting the museum, and instrument repairs.

The museum relies on donations, eBay sales, and in-kind support from Tektronix for operations. Donations have remained relatively flat, but eBay sales have increased through more volunteer support. We've added new items such as our puzzles, our redesigned Demonstration Board, our Curvebug debugging tool, and of course our 2026 calendar which pays tribute to Tektronix's 80th anniversary. The Demonstration Board and Curvebug have generated considerable interest and revenue.



Our STEM requests have continued both for events at the museum or external. We've refined our hands-on STEM exhibits and have designed and added new displays exclusively for STEM for all ages.

We refined an optics exhibit with a flashlight demonstration of additive and subtractive colors and using a USB microscope to examine LCD pixels and halftoning. The students also enjoy examining their clothes and hair.



Another new exhibit is demonstration measuring the speed of light. For this we use a more modern Tektronix 4 Series oscilloscope. A signal from the PG 502 pulse generator is split and routed to two paths identical in construction with one 30 cm longer than the other. This extra 30 cm is an "airline" and used because the dielectric properties of air are very close to those of a vacuum.

The time between cursors (Δt:) on the screen measures the time difference between the two signals which is the time to travel the additional 30 cm. The speed of light in a vacuum is defined as 29.98 cm per nS which equates to 1.0006 nS per 30 cm. Our bench setup is accurate to within 0.25%.

Our first STEM event of 2024 was a full two-day exhibit at the Dundee Elementary School for the students in Kindergarten through the 5th grade.

Students were able to examine electronic components first hand and participate in small groups exploring programming and computer graphics, using test equipment to measure and control LED lighting for both color temperature and luminance, and exploring sound and waves with a microphone, guitar, and speaker.

In all we engaged 220 students in 33 different sessions.

As a follow-up, we met with educators from the Newberg School District to see how we could support the other 9 schools in the district (without doing another ~300 sessions) by supporting the teachers with hands-on exhibits in the classroom. Our first venture centered around learnings from our STEM work with Tektronix for Valley Catholic School the previous year. The Women In Technology group at Tektronix had a well-received session where the students took apart small oscilloscopes. The museum worked through RAMS to donate 30 non-functional small oscilloscopes and tools for student exploration.

We did similar STEM events for the German-American School grades 5, 6, and 7 and Holy Trinity School grade 3. We participated in Science Night at Hiteon and Bonny Slope Elementary Schools. We did sessions at the museum for the Hillsboro GED program, Cub Scouts Pack 207, ASA Oregon Sports and Academic summer camp. We did a slightly different STEM event in cooperation with Tektronix as part of the STEAM Connect Pop-Ups program where meetings at local companies provide a connection to STEAM Pros in their workplace. We showed a smaller number of exhibits and spent more time discussing how we each got involved with science and technology.

One of our larger events is participation at MESA Day (Math, Engineering, Science Achievement). This is an annual engineering, math and science competition held at Portland State University and sponsored by Oregon MESA. Tektronix' involvement with Oregon MESA (then Portland MESA) goes back to 1985. Tektronix supported the initial stipends for teachers from 1985-1990. Their total contributions amounted to $154,000 comprising

nearly 80% of all corporate donations. Sal Kadri, GM of Accessories Division, served as a founding advisory board member and Tektronix provided numerous volunteers. Without Tektronix, Portland MESA would not have been able to get off the ground and grow into a program serving over 700 students across 16 school districts in seven counties. The museum has supported MESA since 2017.

Since this was the 40th anniversary of MESA, the museum helped sponsor their fundraising Gala with a table and five employees with guests from Tektronix and Ralliant. The museum also had Tektronix products from each of the decades as part of their "through the decades" display.

Our largest event is participation at the Girl Scouts of Oregon and Southwest Washington STEM Day held in Salem. This event is huge with over 1800 girls attending. This is an all-day event which requires two shifts of volunteers to support the 7 exhibits we took. While a lot of work and a long day with travel, it is very rewarding to see the impact of these exhibits on these young minds. The girls were stacked several deep waiting to experience each exhibit all day

We participated in four events as outreach in the community. We offered tours in cooperation with the OMSI Science Festival as part of their five days of events preceding their celebration. We staffed a booth at the NW Electronics Design & Manufacturing Expo (NEDME) at the Wingspan Event & Conference Center in Hillsboro. NEDME is the premier trade show and networking event for members of the high-tech industry in the Pacific Northwest and our exhibits showcased the contribution of Tektronix in the industry and community.

We offered tours for visitors to the Video Sync 2025 Conference in Portland. Video Sync is an ongoing series of events by video artists, for video artists, celebrating the toolmakers, performers, educators, and aficionados of video signals as a performative medium.

We also again supported Beaverton Leadership 2025, sponsored by the Beaverton Chamber of Commerce. Leadership Beaverton is an intensive program devoted to strengthening and educating emerging and experienced individuals with the purpose to provide training so that better decisions are made in our community. The program runs over 10 months and we participate in October as part of the Beaverton History Day. We split the visit with a presentation of Tektronix history and impact in the local community and then tour the participants to learn more about the company and products.

Beaverton Leadership 2025 group

We continue to support and participate with the various Tektronix collector groups – Facebook *Old Tek Scopes*, *Tektronix* (i.e. Heerenveen), *Tektronix Guernsey Memories*, and Groups.io *TekScopes*. Together, these groups have over 14,000 members. The museum gets daily emails with questions and requests for information and support, and these individuals often provide historic information, photos, and instruments back to the museum.

Astute viewers continue to send us sightings for our Product in Movies and Shows page. We now have 104 movies and shows sightings covering 1953 to 2025. We also have pages for Products in Customer's Advertisements, Products in Customer's Films, Products on Magazine Covers, and Products in Music (did you know the Grateful Dead used a Tektronix oscilloscope for sound check setup of their "wall of sound", and Elvis Costello is credited by PC Magazine in 1979 as "the very first computer-generated moving image in a music video" using (we believe) a Tektronix DVST display.)

Our 180+ historic and educational films and videos are hosted on our YouTube channel which has over 11,700 subscribers. We added 19 new videos this year and our videos had 57,308 views. Interestingly enough, the 1977 Tektronix film Solder and its Applications in Electrical Assembly had 10,847 views, showing continued value beyond historic.

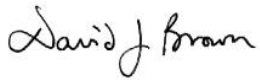
We engage with the community on social media through X and Facebook. We post on average twice weekly on X and four times on Facebook. Our Facebook followers increased by 70% with nearly 300K views, 42% of which are from non-followers.

The museum operates on contributions, our eBay store and Lulu bookstore sales and the generosity of Tektronix in hosting our space. Donations to the museum come to us in-house, on-line, mail, Paypal, and with company matching through Benevity.

We had a successful 2025 thanks to the dedication and energy of our volunteers. Our visitor rate is now above pre-Covid levels. Our on-line efforts continue to make the museum resources available to our worldwide audience who are not able to visit in person. Our kindest thanks to Tektronix for their generosity in hosting

space for the vintageTEK museum. We did support 17 requests from Tektronix this year ranging from tour requests, historical research, providing materials, and helping customers with information on specific products.

We look forward to a great 2026 with more tours sharing the history of Tektronix and participating and encouraging STEM in our community.



David J. Brown
vintageTEK President