

# THE TUSCARORA BULLETIN

SPECIAL EDITION

THE TUSCARORA LAPIDARY SOCIETY

BROOKHAVEN, PA

OCTOBER 2011

## THE TRANSFORMATION OF 24 UPLAND ROAD, BROOKHAVEN, PA



Monday, November 15, 2010: Lola signs the paperwork . . .

### A SPECIAL JOINT MESSAGE

December 2010 — Many TLS members over the last 30 years have dreamed of TLS having its very own home. Through their foresight and hard work, we now own a New Home at 24 Upland Road in Brookhaven. It is a thrilling culmination to this 30-year quest.

The reality of 24 Upland was achieved by putting on successful annual shows, operating a substantial teaching program, and the many direct contributions to the New Home Fund.

Now, as the present TLS members, we take on the exciting job of transforming this facility into a state-of-the-art lapidary and related arts-and-crafts education center. We will be using contractors to make one bathroom handicap accessible and replace the air-conditioning and heating systems.

There is other work we are hoping our members will pitch in to help with in efforts to keep our costs down. Some of these include taking down some existing walls and the existing ceiling, putting up new interior walls and doors, a new ceiling, lighting, and duct work. We expect that a substantial portion of the cost for the renovation will be covered by funds remaining in our New Home Fund.

To make our facility truly “state of the art” and have wonderful new equipment and tools that we are all



. . . and receives the keys to 24 Upland. (Photos by Frank Warner)

just itching to use, we will need additional Genies, jewelry equipment for nine jewelry workstations, kilns, equipment for new aspects of our educational program, and furnishings such as benches, tables, chairs, bookcases, etc.

So we are asking for donations of specific pieces of equipment and furnishings and/or cash donations toward their purchase and also your time and expertise.

We also need funds in excess of the costs of renovating and outfitting 24 Upland to begin to pay back principal on the loan we received to help make the purchase possible.

All donations to TLS will be gratefully accepted and are tax deductible to the full extent of the law. Donations will be held confidential and will be acknowledged with an appropriate letter for your tax records. Donations mailed by December 31, 2010, will be deductible for your 2010 tax year.

If you would like to make a donation to the New Home Fund, please make your check out to TLS, mark it for the new Home Fund, and mail it to: Frank Warner, Treasurer, 7 Roberts Road, Newtown Square, PA 19073.

*Frank Warner, Treasurer*  
*Sue Garrett, Vice President*  
*Lola Fields, President*

## 50+ YEARS: TEACHING . . . LEARNING . . . SHARING

**BEFORE . . .**

The future TLS Skill Center: 24 Upland Road, Brookhaven, PA 19015.

— From Frank Warner, TLS Treasurer

## THE AMAZING TLS NEW HOME DEMOLITION CREW



Joe Pizzirusso starts pulling down the lights. (Photo by Drew Schmith)

Saturday and Sunday, December 11 and 12, 2010, were demolition days at our new facility. The old ceiling and lights had to come down, walls and partitions needed to be removed, electrical wiring had to be reconfigured, two walled-in metal and glass doors from the original post office entrance had to be saved for use in our new layout, the old baseboard heating system had to be partially demolished while leaving a portion functioning to keep the building warm until we have a new heating- and air-conditioning system installed, and an interior brick wall had to come down.



Our hard-working demolition crew chief, Don Schwarzkopf, works out a few of his many frustrations! (Photo by Frank Warner)

We had a fantastic crew of enthusiastic and knowledgeable volunteers who, with a little guidance from

Don Schwarzkopf, did a very efficient and safe job of carrying out the work. We initially thought our 20-cubic-yard-dumpster would not be big enough. But we had some help from unseen local scavengers Saturday evening and from two local metal and wood scrap collectors on Sunday who carted away enough stuff that our dumpster turned out to be sufficient.



Lola Fields, Roger Binns, and Doug Wiggins continue the demolition process. (Photo by Drew Schmith)

The crew, in no particular order, on Saturday consisted of Don, Doug Wiggins, Charlotte Moore, Lola Fields, Drew Schmith, Bill Mattis, Roger Binns, Joe Pizzirusso, Pete Santucci, and me. On Sunday the work continued with Don, Ellen Schwarzkopf, Doug Klieger, Gary Cummings, Karissa Hendershot, Christina and Kevin Kulp, Bill Mattis, Charlotte, Lisa Roman, John Dearnaley, Pete, and me. I hope I have not missed anyone. All who came made major contributions to the effort.

Very special thanks to Sue Garrett who brought the hard working crew a lunch of hot chili on Sunday. That was just perfect!

— From Frank Warner, TLS Treasurer

## NEW SKILL CENTER RENOVATION UPDATE

This is the first of what I hope will be a regular status report on the progress of renovations at our new facility at 24 Upland Road in Brookhaven, PA. In each report I will list the progress of the past several weeks and will give the schedule of work for the next several weeks, including all activities for which we will need volunteers.

Many of you have expressed eagerness to help with aspects of the renovation. Among us we have a variety of talents and experience that will be needed as we will be doing much of the work ourselves in order to save on costs.

When you see a request for volunteers, for an activity in which you can help, please respond to me by email at [frank.warner@earthlink.net](mailto:frank.warner@earthlink.net) regarding your availability. This will make it much easier for me to assemble the needed work crews.

A preliminary work schedule for the entire project from now through the end of August appears as a supplement to this *Bulletin*; please save it. That schedule will give you a rough idea of what we will be doing and when, but it will

certainly be subject to change. My regular emails will give a more precise schedule for the coming weeks.

Much of our work will be done on weekends, but we will need weekday crews as well. If you are available weekdays, please watch the schedule and volunteer whenever you can because the list of potential weekday helpers is much smaller than that for weekends.

The renovation work is being managed by a planning committee consisting of Jim Johnston (New Home Chair), Sue Garrett (President), Christina Kulp (Vice President), Lola Fields (Past President), Gary Cummings (also a Past President), Don Schwarzkopf (Facilities Manager and expert on just about all issues relating to the renovation), Pete Santucci (Skill Center Coordinator), and myself (Treasurer) with the assistance of our architect, Jon Sutton. Your Board of Directors makes all major decisions such as the awarding of contracts.

### **#1: Items accomplished January 2-9**

At our Board meeting 1/5/11, contractors were approved for our heating, ventilation, and air-conditioning project; for converting our larger bathroom to a handicap-compatible facility; and for roofing repair.

Pete Santucci has begun cleaning the mortar from the unbroken bricks retrieved from the interior brick wall that we removed. We will save these bricks for any needed exterior repairs.

Doug Wiggins, with a little assist from me, patched some large grooves with cement in what will be our storage room floor. There are a number of additional spots that Doug will patch once the old baseboard heating system has been removed. Don completed our electrical wiring plans, which were submitted to a local inspector for review.

On 1/9/11, Charlotte Moore and Doug Klieger did a major job in removing all of the tile and the sheetrock from the walls of the large bathroom in preparation for beginning work on converting that bathroom to be ADA-compliant.

Also on the 9th, Don continued preparations for the relocation of electrical panels so that we can eventually complete demolition by cutting an interior door into the mechanical room.

### **#2: Items accomplished January 10-17**

We held an initial job meeting with our three contractors (HVAC, bathroom, roofing) and our architect, Jon Sutton on Thursday, 1/13/11. Representing TLS were Don Schwarzkopf, Lola Fields, Peter Santucci, and myself.

On Saturday, 1/15/11, Pete Santucci continued work on recovering brick from the interior brick wall that was removed, and Don continued preparation of the electrical system needed to allow the completion of demolition.

On 1/17/11, Pete and I broke up the remaining large sections of the brick wall and Pete continued cleaning individual full bricks; we stacked the cleaned bricks (almost 120 of them) so they will not be in the way of the contractors.

Monday afternoon, the 17th, work was begun by the HVAC contractor on laying out the fabrication of the ducts for the new heating and air-conditioning system.

### **#3: Items accomplished January 17-24**

The heating/ventilation/air-conditioning (HVAC) contractor removed the old duct work and started bringing in parts for the new HVAC system. The local scrap metal collector removed the old ducts from the property thus saving us the cost of a dumpster.

The bathroom contractor did some preliminary work to provide access around the drain lines for his plumber, and he removed the old bathroom door so that a new, larger door can be installed.

Pete Santucci finished recovering all complete, unbroken bricks from the brick wall that was removed.

On 1/19/11, the building planning committee and Board held a meeting with our architect, Jon Sutton; he presented elevation drawings for the various rooms that will exist in the completed facility. Various design issues were discussed. The plans are coming along well.

We're planning to use glass block in two of the vestibule walls to give a "crystal" effect. Detailed plans for those installations were prepared.

Studs for new interior walls and some drywall "green-board" was ordered on 1/24/11 for delivery on 1/28/11. The green-board is for the bathroom and vestibule. A much larger drywall order will come later.

Jon Sutton has provided details of the masonry wall cut needed to create an inside door to the mechanical room.

### **#4: Items accomplished January 24-31**

On Tuesday, 1/25/11, most of the new plumbing for the handicap-accessible bathroom was roughed in by the bathroom contractor. Also work on natural gas lines to the jewelry room and to the new HVAC unit was started by the HVAC contractor.



Our 'green-board' and 2x4s are delivered. (Photo by Frank Warner)

On 1/28/11, we had a delivery of 20 sheets of mold-resistant drywall for the bathroom and vestibule, 220 twelve foot 2x4s for wall framing, and a sheet of plywood for a work bench (see photo above). A terrific crew of Bill Mattis, Roger Binns, and Charlotte Moore brought all of this material inside from the loading dock area. Doug Klieger had arrived to help, but had to leave for another appointment before the delivery, which was delayed an hour or so due to the weather.

By 1/28/11, the bathroom contractor had completed framing for the wider door required in the bathroom, and the gas line work was nearly complete.



Pete Santucci and Doug Klieger ensure the studs are straight.  
(Photo by Frank Warner)

On 1/29/11, Pete Santucci built a 4' x 8' work table, and Don Schwarzkopf continued preparations for the new electrical wiring.

On 1/31/11, Doug Klieger, Pete Santucci, Charlotte Moore, and I framed the walls needed to enclose what will be our storage room. It was great to see some of the new framing in place (see photos above and below). A floor-level return air duct will run down the inner corner of the walls that we framed. It was important that we get this task done quickly so that the HVAC contractor would know where to place the return duct.



Framing begins on the new storage room. (Photo by Frank Warner)

The local scrap collector continues hauling away all of our metal debris, thus saving us dumpster costs.

#### **#5: Items accomplished January 31-February 6**

On 2/2/11, the plumbing rough-in for the handicap-accessible bathroom passed inspection. Also, the bathroom contractor installed our new 6-gallon hot water tank on the mechanical room wall; as soon as it is wired for power, it will be operational.

On 2/3/11 and 2/5/11, Doug Kleiger, Pete Santucci, and I finished a couple of details of the framing of the new storage room walls and did some work in preparation for extending the existing storage room ceiling over to the new storage room walls.

The design and framing dimensions for the sections of glass block planned for the vestibule was completed.

#### **#6: Items accomplished February 7-13**

This has been a very busy week at 24 Upland Road.

On Monday, ducts were delivered for the new HVAC system. Pete Santucci and I cemented the gaps in a brick wall where a former interior brick wall had been attached. The roofing company cleaned and began patching the roof. Lumber was ordered for lintels and for a beam needed for the storage room ceiling.

On Tuesday, the roofing company began opening the roof for placement of the new HVAC system.

On Wednesday, I received word from the roofing company that we have 4" of concrete on the roof so no-one will ever break in through the roof! They found cutting through with diamond saws difficult. A beam for the storage room ceiling and a supply of lumber for interior door and window lintels was delivered.



The new HVAC unit is placed. (Photo by Frank Warner)

On Thursday, a crane placed the new HVAC unit on the roof (see photo above).

On Friday, the gas line to the new HVAC unit was completed. The roofing company completed all roof patching work and added a new drain for the small roof over the rear loading dock.

On Saturday, we had a work crew consisting of Don Schwarzkopf, Jim Johnston, Pete Santucci, Lola Fields, Roger Binns, John Chickadel, Joe Pizzirusso, Bill Mattis, Katy Winters, Drew Schmith, and myself (hope I didn't miss anyone). The storage room framing was completed (see photo below), and a lot of electrical wiring was done. Jim Johnston saved us a week on our schedule by visiting many stores until he finally found a critical part for completing the electrical connection to the new HVAC unit. The HVAC company was also hard at work installing the ducts for our new system.



Lola Fields adds joists to complete storage room framing. *(Photo by Frank Warner)*

On Sunday, more electrical wiring was completed, more old wiring was removed, things were moved so we can get at the old baseboard system for removal next weekend, and items that need to be protected from spills when that system comes out were covered with plastic. The Sunday work crew consisted of Don and Ellen Schwarzkopf, Bill Mattis, Charlotte Moore, Gayle Flaer, Doug Klieger, and Lola Fields.

#### **#7: Items accomplished February 14-20**

Duct work for the HVAC system continued all week and progressed far enough so that the new heating system could be used. Final installation of ducts will take place after our new ceiling grid is in place later in the spring.

By Thursday, the bathroom contractor had the bathroom ready for us to add drywall to the walls, and the new HVAC unit had been tested and was operating to keep the building warm.

On Saturday, our work crew consisted of Don Schwarzkopf, Lola Fields, John Chickadel, Bill Mattis, Lew Owens, and myself. The old baseboard heating system was removed and carted away by our local scrap collector (known as "Scrapie") thereby saving us a lot in dumpster costs. All copper pipes associated with the baseboard system were removed (except for those running under the floor) and retained by us. The utility room metal door was



Don Schwarzkopf breaks through the cinder block wall, the beginning of a new interior door into the mechanical room. *(Photos by Frank Warner)*

removed for replacement with a wood door, lots of electrical wiring was done, and we made decisions on how to add insulation between the roof bar joists.

On Sunday, our work crew was Karissa Hendershot, Bill Mattis, Lola Fields, Don and Ellen Schwarzkopf, and me. As we were planning the day's work, Scruppie came in and offered us donuts as a thank-you for all of the metal scrap we have given him. We bundled all of the copper pipe scrap from the old heating system to sell ourselves as it is quite valuable these days. Insulation was added to the outer bathroom wall, and progress was made with the electrical wiring. Don and Karissa got in lots of exercise cutting an interior door to the mechanical room through a cinder block wall (see photos above and below).



Karissa Hendershot continues Don's efforts. *(Photo by Frank Warner)*

#### **#8: Items accomplished February 21-27**

On Thursday, Doug Klieger, Lola Fields, Bill Mattis, Charlotte Moore, and I moved a large order of insulation and some lumber into the building. Lots of work was done that day. Charlotte and Lola helped Doug Wiggins and Ron, who is a volunteer friend of Doug's, add mold-resistant drywall to the handicap-accessible bathroom.

Those walls were then partially taped and the tape covered with joint compound. Doug Klieger and Pete Santucci framed a heating return duct that is in the corner of the storage room, Bill Mattis cut off below floor level some old electrical wiring conduit that we are not using, and I added a door sweep to rear mechanical room door to keep cold air out.

On Saturday and Sunday, Lola led crews installing insulation in the ceiling. On Saturday, the crew in addition to Lola, consisted of Don Schwarzkopf, Karissa Hendershot, Katy Winters, Bill Mattis, and Pete Santucci. And on Sunday, the crew was Don, Karissa, Bill, Pete, Mary Friedmann, Dora Johns, Gary Cummings, Doug Klieger, and Lola. (We hope we have all of the names right and have not missed anyone.)

#### **#9: Items accomplished February 28–March 7**

On Tuesday, Doug Wiggins and I added drywall to the new walls of the storage room. The new portion of the ceiling remains to be done as we need three for that task. Later in the day, Pete Santucci assisted Doug with finishing the joint taping of the new bathroom and the application of joint compound.



(Left) Rigid insulation is installed above the ceiling; each piece cut to fit. (Photo by Frank Warner) (Right) Karissa supplied special suits to protect the insulation installation crew from loose particles of fiberglass. (Photo by Lola Fields)

Installing 2"-thick rigid insulation in the bar joists above the existing ceilings on Saturday was a tough job as each piece had to be cut to fit and the working spaces were tight. More of that task remains to be done later. On Sunday, the entire ceiling of the large open space was insulated by placing 4' long bats of 24" wide R30 fiberglass insulation between the bar joists supported on furring strips (see photo above left). The crew wore special suits supplied by Karissa for protection from loose particles of fiberglass. The one photo (above right) we have is a bit fuzzy, but it gives the idea.

While the insulation installation was progressing, Don continued with electrical work, completed the opening for the interior door to the mechanical room, and installed the lintel for that door.

We owe all of the weekend workers lots of thanks for doing terrific work on difficult tasks.

Many of our volunteers need a break for a few days. Nothing was scheduled for the weekend of 3/5-6/11 as many of us will be attending and participating in the Delaware Mineralogical Society show.

#### **#10: Items accomplished March 7-13**

On Tuesday, the doors, door hardware, and interior window trim was ordered from Delaware County Supply.

On Thursday, Doug Wiggins and I completed the drywall for the storage room ceiling, and Doug worked on taping and applying joint compound. Also, I met with our bathroom contractor and several masonry contractors to get estimates for some exterior masonry and glass block work.

On Friday, Doug Klieger, Pete Santucci, and I reviewed Pete's plans for the vestibule wall framing, we marked that framing plan on the floor, and Doug did some tile work in preparation for the framing.

On Saturday, our crew consisted of John Chickadel, Lola Fields, Doug Wiggins, Joe Pizzirusso, Don Schwarzkopf, and myself. We cleaned up trash and leaves outside, prepared the saw room to serve as a temporary dumpster again, prepared the office wall for framing, removed the old boiler, reviewed options for repairing the leaking front windows, worked on the interior mechanical room door, and discussed plans for completing the insulation project. John and Doug did a lot of work finishing the drywall patching in the storage room and applying joint compound in the bathroom and the storage room. Don showed John and Joe his clever method of patching holes in drywall after which John and Joe went to work doing a terrific job of patching lots of holes.

On Sunday, our crew was Gayle Flaer, Ellen and Don Schwarzkopf, Bill Mattis, and myself. We cleaned up inside, began preparing the storage room for painting by moving a large stack of blue foam insulation out of the storage room, did some prep work for repairing floor cracks, and helped Don install lighting in the storage room.

#### **#11: Items accomplished March 14-20**



(Left) Doug Wiggins applies joint compound in the storage room. (Right) Pete Santucci works on the framing for the inner vestibule wall. (Photos by Frank Warner)

Many things were accomplished this week thanks to very hard working and enthusiastic crews. I was there

along with Bill Mattis, Charlotte Moore, Doug Klieger, Doug Wiggins, Pete Santucci, and Gayle Flaer on Thursday; Pete and Gayle on Friday; John Chickadel, Don Schwarzkopf, Bill Mattis, Charlotte Moore, Karissa Hendershot, Joe Pizzirusso, Doug Klieger, and Associate Cynthia Duncan on Saturday; and Don and Ellen Schwarzkopf, Karissa, Bill, and Lola on Sunday.



The framing crew, comprised of Karissa Hendershot, Ellen and Don Schwarzkopf, Bill Mattis, and Lola Fields, works on the wall separating the vestibule from the office. (Photo by Frank Warner)

Among the accomplishments, we unloaded deliveries of our interior doors, discussed options regarding leaks in our front windows with two glass companies, completed the framing of the vestibule, emptied the storage room and continued preparation of the walls and ceiling of the storage room for painting, sanded the bathroom walls for painting, installed more insulation, installed temporary lighting in the five rear rooms, prepared floor defects for patching, and removed some old ducts.

Many thanks to all of our volunteers; special thanks to the terrific work of our ceiling climbers, Lola, Charlotte, and Karissa, and to John Chickadel and Doug Wiggins for all of their work on prepping drywall with joint compound and smoothing it for painting.

Also very special thanks to Pete Santucci for the many hours he has spent at the drawing board preparing detailed plans for the wall framing.

#### **#12: Items accomplished March 21-27**

This was another week with a lot accomplished. Helping at various times during the week were Doug Klieger, Pete Santucci, Don Schwarzkopf, John Chickadel, Charlotte Moore, Bill Mattis, Lola Fields, Sue Manuel, Pam Wingrod, Betty Margerum, and Joe Pizzirusso.

Glass block was ordered for three interior vestibule windows, and for four exterior windows. A contract was signed for exterior glass block and masonry work (we will do the interior glass block windows ourselves). Work was



(Left) Doug Klieger patches the bathroom floor tile. (Right) Joe Pizzirusso primes the storage room walls. (Photos by Frank Warner)

begun on patching the floor tile in the new bathroom where old fixtures had been removed (see photo above left).

Bathroom and storage walls were readied for priming and a coat of primer was applied (see photo above right). Some floor patching was done. A load of lumber was delivered for framing the interior windows.



Don Schwarzkopf, Charlotte Moore, Bill Mattis, Pam Wingrod, and Betty Margerum erect the office wall. (Photo by Frank Warner)

The wall between the office and the jewelry room and classroom was framed (see photo above). Don continued making progress removing old electrical wiring and installing new circuits, and added a new bathroom exhaust fan.

#### **#13: Items accomplished March 28-April 3**

Even though this was a rather lightly scheduled week (no work was scheduled for Saturday and only a small crew on Sunday), nevertheless quite a bit was accomplished.

On Monday, 3/28/11, I ordered glass block and accessories from Home Depot for three interior windows and four exterior windows.



Don Schwarzkopf and Charlotte Moore relax after a long day of work.  
(Photo by Frank Warner)

On Thursday, 3/31/11, Pete Santucci, Charlotte Moore, Bill Mattis, Pam Wingrod, and I worked at the site and on Sunday, 4/3/11, this same group was joined by Don Schwarzkopf and Joe Pizzirusso. (See photo above.)

Charlotte did a great job applying primer and a finish coat of paint to the storage room. Pete and Pam cut baseboard trim for the storage room and Pam applied three coats of polyurethane. Pam also marked wall stud locations on the floor so that they'll be easy to locate once drywall is applied. Bill did some cement patching in the new bathroom and helped me mark the floor for placement of the remaining walls that we have yet to frame. Joe did a great job removing some of the old drywall where one of our new walls will attach to the masonry and doing some chisel work on the opening to the mechanical room. Don installed an exhaust fan for the new bathroom and supplied lighting to all but one of the rear rooms — a great help!



The glass block arrives and is quickly unloaded. (Photo by Frank Warner)

Today, 4/4/11, I picked up about 30 boxes of the glass block and accessories from Home Depot (see photo to above). Charlotte, her sister Fran, and Bill all responded quickly to an early morning call from me and arrived at 24 Upland just as I pulled in with the rental truck from Home Depot. The supplies were quickly unloaded.

#### **#14: Items accomplished April 4-10**

This past week, the effort to get us prepared for our move to 24 Upland Road in Brookhaven took place on two different fronts.

Key to our success in the new location will be publicity — letting people know who we are, what we do, where we are, and what classes we offer. Sue Garrett arranged for

TLS to have a free table in the non-profit section at the WireFest show in King of Prussia Friday, Saturday, and Sunday April 8, 9, 10. Many TLS members volunteered to provide demonstrations throughout the show. Sue and her husband Ken took care of set-up and take-down with help from Kathy Statton. Members demonstrating and talking with the public included Sue Garrett, Kathy Statton, Janice Smith, Dora Johns, Christina Kulp, John Chickadel, Joe Pizzirusso, Stacey Segal, Silvie Waals, Lola Fields, Ellen Schwarzkopf, Margie Marshall, Ingrid Ratsep, and Linda Ratsep. Many thanks to all.

On the building front, the middle sections of the long walls separating the classroom from the jewelry room and from the grinding and polishing rooms were completed (see photo below), baseboard trim was installed in the storage room, a top coat of paint was applied to the new bathroom, tile repair of the bathroom floor was



Bill Mattis, Lola Fields, and Pete Santucci admire their handiwork — a portion of a classroom wall with windows. (Photo by Frank Warner)

completed except for grouting, the new exhaust system for the bathrooms was completed, more wiring was done, the storage room door and floor were prepared for painting, 53 light fixtures were ordered, and some needed bricks were received from Drew Schmith. Helping during the week or weekend were Bill Mattis, Charlotte Moore, Pete Santucci, Lola Fields, Doug Klieger, Don Schwarzkopf, and Joe Pizzirusso.

On Saturday, Lola and Bill took the copper piping that we had saved from the demolition to a scrap dealer and came back with \$720.80! Again, many thanks to all.

#### **#15: Items accomplished April 11-17**

I try to recognize all members who have been helping with preparations for the move to 24 Upland Road. I hope I have not missed anyone.

One very special contribution that has been going on behind the scenes is Pete Santucci's work preparing detailed drawings for all of the framing work. Those drawings have been essential for the wall framing. Pete also de-



signed and prepared drawings for special shelving that we will construct in the storage room for holding our cases and liners. In addition he has designed and created a model for our future Genie and Titan tables (the model is currently stored in the polishing room at the Media Skill Center), and has created in his home shop the sash framing that will hold our eight large interior windows, four on each side of the classroom. Many thanks to Pete.

On Tuesday, I rented a cement floor grinder from Home Depot. Wild machine was a little hard to tame at first! After I got more control of it than it had of me, I managed to grind off the old epoxy paint and tile mastic that was below the epoxy on the storage room floor in preparation for putting down a new coat of epoxy paint. Other rough areas in the main rooms were ground down as well. While I was doing that, Bill Mattis and Charlotte Moore were adding insulation in the ceilings over the bathrooms, and Pete Santucci was preparing a base for the unit in the storage room that will hold our cases and liners.



Pete Santucci works in the vestibule. (Photo by Frank Warner)

On Wednesday, I applied a coat of epoxy paint to the storage room floor (except in the areas that have ceramic tile) while Pete strengthened the framing in the vestibule in preparation for installation of three interior glass block windows (see photo above).

On Saturday, the work crew consisted of Don Schwarzkopf, Lola Fields, Charlotte Moore, Bill Mattis, John Chickadel, Joe Pizzirusso, Merrill Dickinson, Katy Winters, and Margie Marshall.

More wiring was done, Don located our property boundaries, the utility room was emptied and a former heating duct was removed from that room, various walls



(Left) Joe Pizzirusso and Charlotte Moore work on the utility room. (Right) Katy Winters and John Chickadel patch walls. (Photos by Lola Fields)

were patched, stud locations for recently installed walls were marked, and trash that had accumulated at the rear of our property was removed. (See photos above.)

On Sunday, the crew consisted of Don, Ellen, Lola, Heidi Thompson, Margie Marshall, Jeff (a professional electrician, whom we have hired to help with the wiring), and me. Don and Jeff made good progress on installing wiring conduit. Don sealed the bathroom exhausts on the roof, and I began laying out another section of the framing of the main jewelry room wall. Lola, Margie, Ellen, and Heidi did a terrific job installing four large shelving units (2' x 8' x 8' high with six shelves each) in the new storage room providing 384 square feet of storage space. That included taking apart, moving, and reassembling a large shelving unit that we had been using in what will be the jewelry room. Many thanks to Margie who brought a great pot of stew for lunch and a wonderful tray of brownies for dessert.



(Left) Ingrid Ratsep and Sue Garrett eagerly await attendees of Wirefest/Beadfest to tell them all about TLS. (Right) Kathy Statton demonstrates wirewrap.

See the photos above of Ingrid Ratsep, Sue Garrett, and Kathy Statton working at our table at WireFest the weekend of April 8-9-10. Sue did a fantastic job organizing this publicity event and, as mentioned last week, a very large number of you turned out to demonstrate and talk with the public. Please note Sue's wonderful sign for the front of the table with the words, "We teach the journey from rock to gem to jewelry." We will include that statement on newly designed TLS letterhead.

#### **#16: Items accomplished April 18-24**

On Monday and Wednesday, Pete Santucci and I completed the framing of the wall separating the central classroom from the jewelry room.

On Tuesday, I picked up the four 2'x4' lighting units for the storage room and mechanical room from our lighting supplier. Charlotte Moore kindly stopped by for a few minutes to help me unload these large and heavy units from my car.

On Thursday, Doug Klieger sealed the new floor tile in the large bathroom and then he and I completed an additional 1/3 of the framing for the wall separating the central classroom from the grinding room (see photo below left).



(Left) Doug Klieger with newly framed wall. (Right) Lola Fields and Don Schwarzkopf with the last section of the classroom wall.

(Photos by Frank Warner)

On Saturday I had an early job meeting with our bathroom contractor and his mason followed by a meeting with our architect, Jon Sutton. Don Schwarzkopf and our professional electrician, Jeff, worked on installing more wiring conduit, while Lola Fields, Joe Pizzirusso, and I built the remaining 1/3 framing for the western wall of the central classroom. These wall sections are all assembled on the floor then lifted into place. Jeff kindly stayed an extra half hour to help us lift this section and clamp it in place for final assembly on Sunday (see photo above right).



Don Schwarzkopf uses his Sawzall to remove old framing from the utility room door. (Photo by Frank Warner)

On Sunday, Lola and I completed the installation of the wall section that was created on Saturday, Ellen did a comprehensive clean-up, Don installed electrical outlets, finished framing the door to the mechanical room, and did some more demolition that was required on the utility room door (see photo at left).

### **#17: Items accomplished April 25-May 1**

HALF WAY!! This 17th status report marks the half-way point in our effort to turn our building at 24 Upland Road in Brookhaven into a state-of-the-art lapidary, jewelry, and related arts and crafts educational facility. Hopefully, Report # 34 on August 29 will cover just the very last few details of the renovations.

The TLS Board and the site committee deeply appreciate the contributions of the volunteers who have been helping with this complex renovation project, especially those who have been working almost every week. We have accomplished a lot. But there is much more to be done on a very wide variety of tasks. You do not have to have any particular knowledge of renovation projects to help out. There are things everyone can do from the very

complex to the very simple. Please watch the schedule in these reports and come to help out whenever you can. A broad based joint effort will truly make this 'OUR' facility.

This week there were big changes, both inside and out.



The new glass block windows and glass block/concrete block replacement for the mechanical room door. (Photo by Frank Warner)

The three rear windows were replaced by glass block, the mechanical room door was removed and replaced by cement block and a glass block window (see photo above), and the stucco partition to the left of the front door was removed and that opening filled in with cement block. This work was done by a contractor hired for that specific purpose. We will eventually cover the cement block, both in the front and the rear, with a beautiful porcelain tile that looks like multicolor PA blue slate. The tile work will be done by Doug Klieger.



Bill Mattis lifts one on the partitions. (Photo by Frank Warner)

Pete Santucci and I completed the wall framing during the week with help from Bill Mattis on Thursday (see photo above). We are now ready for the framing inspection.

Joyce Babiarz prepared a wonderful landscaping plan for the front of our building and has donated plantings and supplies. Many thanks to Joyce. Don Schwarzkopf brought his trailer and, with the help of Bill Mattis, made a Saturday morning trip to Joyce's home to pick up the plantings while Lola Fields and I dug up sod in the area Joyce had outlined. In the afternoon, Lola and Joyce began the plantings while Don and Bill made a trip to Radnor to pick up a donation of two large laboratory tables and three filing cabinets. With a big assist from Lola's ingenuity and boundless energy and Bill Mattis's strength (all that golf practice!), and with the help of one of our Gemarama carts that happened to be exactly the right dimensions, we managed to get those heavy objects into the building.



The landscaping is complete at 24 Upland. The bed to the left of the front door is shown. (Photo by Lola Fields) Please note that Joyce was thinking Lapidary when she picked out the plants. Along the front building wall is Emerald Green Arborvitae, Ruby Spice Ninebark, Amber Carpet Rose, Globe Blue Spruce, and Stella de Ore Daylily; the planting bed in the triangular strip of lawn includes a Tuscarora Crape Myrtle and Green Gem Boxwoods; and under the Zelkova tree in the front yard is Silver Dragon Stripe Liriope (common name is turf lily grass).

On Sunday, Joyce, Lola, Joe Pizzirusso, and Ingrid and Linda Ratsep completed the landscaping installation (see photo above) while Don sliced open a block wall to install electrical conduit and John Chickadel removed some tile from the utility room and patched walls in that room with drywall.

#### **#18: Items accomplished May 2-8**

The highlight of the week was a visit to the site on Thursday by Charlotte Linzey. Her daughter was taking Charlotte home from the hospital and stopped for some supplies at the CVS pharmacy next door. Charlotte noticed several cars at 24 Upland (Pete Santucci, Doug Klieger, and I were working) and walked over from the pharmacy for her first look at our new facility. She was as thrilled to see the site as we were to see her. She still has a ways to go in her recovery from recent medical problems. We wish her the very best.

A lot of work was accomplished this past week, but as we are getting into more detailed tasks the changes become less obvious, so no photos this week. Our framing inspection was on Wednesday. Architect Bob Linn, who prepared our accessibility plan, and Pete Santucci joined me for the inspection, which we passed with no problems.

Also on Wednesday, the TLS Board approved a bid for installing glass block in the side windows and for some masonry work under the front windows inside the office/library. The glass block will make the building more secure, and will unify the exterior appearance of our building. Even though this is an over-budget item, we chose to do this now as the work could not be done at a later date once the jewelry room is operational. We have

donations to cover the cost of the glass block and related supplies. Donations to help cover the above installation costs would be greatly appreciated.

On Thursday, Bill Mattis and Doug Klieger moved 46 sheets of 4' x 10' drywall and 10 sheets of 4' x 8' drywall into the building. Our bathroom contractor installed the counter, sink, and some of the bathroom fixtures this week and invited a door expert from Delaware County Supply to give us advice on repairing or replacing the large rear door.

On Thursday, Pete Santucci worked on the platform in the storage room for the storage rack that will hold a lot of our Gemarama equipment while Doug Klieger and I worked on the framing for the interior glass block windows. On Friday, Pete continued work in the storage room while I completed the framing for the vestibule glass block windows.

On Saturday, Pam Wingrod and Betty Margerum put together 152 spacers of various configurations that will be used for the installation of the side glass block windows. John Chickadel met me at Home Depot early in the morning to help transport the glass block needed for the side windows to the site, and later helped frame the doorway to the utility room. Joyce Babiarz came by to water the new plantings and to post a weekly watering schedule. Joe Pizzirusso came at a perfect time to help Don and John install our new 2' x 4' lighting fixtures in the storage room — a difficult, over-the-head task.

Unfortunately, we are falling behind schedule. If we are going to be able to install our new drop ceilings by mid-June, we have a lot to accomplish in the next few weeks.

#### **#19: Items accomplished May 9-15**

On Tuesday, Pete Santucci worked on a storage unit for holding our exhibit cases and liners while I painted trim for the interior glass block windows.

On Thursday, Doug Klieger and I installed two of the interior glass block windows while Pete and Gayle Flaer continued work on the storage room shelving. Our mason prepared the area below the window frame in the office/library for us to install tile and a sill.



Glass block is installed to replace the windows on the side of the building.

(Photo by Frank Warner)

On Friday, Gary Cummings and I picked up our tile order for which we needed Gary's truck. Our mason installed glass block in the two side windows — a great improvement! (See photo above.) Bill Mattis, Gayle Flaer, and I began installing drywall in the jewelry room.



Bill Mattis and Frank Warner install a large interior glass block window. (Photo by Lola Fields)

On Saturday, Bill Mattis and I installed the large interior glass block window (see photo above) while John Chickadel, Ellen Schwarzkopf, and Lola Fields finished drywall of one side of the jewelry room walls and began in the polishing room (see photos below). Don Schwarzkopf continued with the electrical work.



(Left) The drywall on one side of the jewelry room is completed. (Right) Lola Fields and John Chickadel pose as drywall bandoleers; on their shoulders are strips of drywall screws! (Photos by Frank Warner)

On Sunday, our crew consisted of Don, Ellen, Gayle, Lola, Dora Johns, Katy Winters, a professional electrician helping Don, Joe Pizzirusso, and myself. Lots of electrical work was completed including wire pulls to various outlets. Drywall was added to one side of the polishing room and grinding/sanding room walls. We are essentially half done with the drywall installation. Many thanks to the hard working crews.

#### **#20: Items accomplished May 16-23**

On Tuesday, Pete Santucci continued work on the Gemarama storage shelving while Lola Fields and I completed framing above the vestibule glass block windows and then began adding drywall to the vestibule.

On Wednesday morning, Gary Cummings and I met with a lawyer regarding our application for property tax exemption.

On Thursday, Bill Mattis, Linda Ratsep, and I completed adding drywall to the vestibule, Pete continued working on shelving and constructed a frame for a transom above the inner entry door, while Doug Klieger added the



Doug Klieger sets the first tiles in the vestibule. (Photo by Frank Warner)

Bill Mattis and I began caulking the large front window complex, which had been leaking badly.



(Left) Lola Fields installs ceiling insulation. (Right) The inner vestibule door is installed. (Photos by Frank Warner)



We had more volunteers on Sunday and accomplished a great deal. John Chickadel and Joe Pizzirusso taped all of the new drywall joints and added drywall compound. Ellen Schwarzkopf and Lola completed all of the remaining ceiling insulation except for the area over the mechanical room, which will have to wait until all electrical work is done. Many, many thanks to Lola who climbed and crawled into tight areas in protective clothing to accomplish this difficult task (see photo above left). Don and Jeff pulled many more wires through electrical conduit. And I finished caulking of the front window system.



Pete Santucci demonstrates the lift scheme for the storage room shelving unit. (Photo by Frank Warner)

Pete completed a lift scheme for his shelving unit (see photo above left).

first tiles to the vestibule walls (see photo at left).

On Friday, I delivered some supplies to the site including the remaining surface mount light units.

On Saturday, Don Schwarzkopf and our professional electrician, Jeff, pulled lots of wires through conduit while

Bill Mattis and I began caulking the large front window complex, which had been leaking badly.



#### **#21: Items accomplished May 24-30**

We had very enthusiastic hard working crews this past seven days and much was accomplished. Doug

Klieger and I worked on Tuesday; Bill Mattis, Pete Santucci, and I on Wednesday; and Doug, Pete, and I on Thursday. In addition to Don and myself, we had crews of Joe Pizzirusso, Charlotte Moore, Bill Mattis, and Lola Fields on Saturday; Joe, Charlotte, Lola, Ellen Schwarzkopf, and Kathy Statton on Sunday; and Ellen, Lola, Lola's grandson Andre, Jim Johnston, Dora Johns, and Katy Winters today. (See photos below.) Our professional electrician, Jeff, assisted us on Saturday and Sunday.



(Top) Bill Mattis (left) cuts insulation while Joe Pizzirusso (right) installs drywall. (Bottom) Jim Johnston (left) applies mud to drywall joints in the library and Don Schwarzkopf (right) wires an electrical receptacle.

(Photos by Frank Warner)

Among the accomplishments, the tile in the interior of the vestibule is complete except for grout, all of the remaining blue foam insulation was placed in walls for sound barrier, all drywall that can be installed before the electrical inspection has been installed, much of that drywall has at least one coat of joint compound (otherwise known as 'mud'), the two newly installed doors have a coat of polyurethane as does much of the shelving unit in the storage room, all but one jewelry room wall has a coat of primer, filters were changed on the HVAC system, and our phone line was installed (610-490-5252).

#### **#22: Items accomplished May 31-June 5**

On Tuesday, Doug Klieger added tile to the area under the library windows and I worked on a number of finishing details.

We passed the rough-in electrical inspection with flying colors thanks to Don's great job. This means we can now complete the remaining drywall installation.

On Wednesday, I added the finishing caulk to some of the interior glass block windows while Pete Santucci worked on the transom over the vestibule door. The handicap-accessible bathroom passed L&I inspection with one item to be corrected.



(Left) Sue Manuel and Bill Mattis work on drywall. (Right) John Chickadel applies tape and mud to drywall joints. (Photos by Frank Warner)

On Thursday, Pete and I continued work on several of the finishing details.

Saturday, we had the largest crew yet: Don Schwarzkopf, John Chickadel, Heidi Thompson, Pam Wingrod, Betty Margerum, Bill Mattis, Kathy Statton, Sue Manuel, Charlotte Moore, Joyce and Francis Babiarz, and myself and a great deal was accomplished including drywall preparation, painting, sound insulation, electrical work, and watering of our plants. (See photos above.)



(Left) Charlotte Moore and Lola Fields 'suit up' for insulation installation. (Right) Doug Klieger installs tile at the entrance. (Photos by Frank Warner)

Yesterday, in addition to Don and me, the crew consisted of Kathy Statton, Lola Fields, Doug Klieger, Charlotte Moore, and Merrill Dickinson. Lola and Charlotte finished the last of the fiberglass ceiling insulation (see photo above left). Many thanks to them for taking on a difficult and unpleasant task in tight spaces. They then worked with me on installing most of the remaining drywall. Don worked on installing a ventilation duct for the jewelry room and jewelry bench, Kathy finished the final coat of paint for the jewelry room, Merrill sanded drywall compound and helped with drywall installation, and Doug did a fantastic job installing tile at our entrance (see photo above right).

I hope I didn't miss anyone. Lots of work done this week. Good progress.

#### **#23: Items accomplished June 6-12**

On Monday, I filed our property tax appeal with the County Board of Assessment. We will present our case at a hearing in the fall. I also ordered a unit that will boost our natural gas line pressure to the level required by some of our torches.



(Left) Lola Fields installs drywall. (Right) Lola and Joe Pizzirusso complete the drywall installation. (Photos by Frank Warner)

On Tuesday, Pete Santucci primed the interior window frames that he has constructed while I finished caulking the interior glass block windows. We had an afternoon meeting with our architect and our bathroom contractor to go over several finishing details, and to discuss the possibility of enclosing a portion of the area under the rear loading dock roof for an equipment storage room.

On Wednesday, I put a second coat of polyurethane on the interior vestibule door.

Thursday. DRYWALL COMPLETED!! (See photos above.) Lola Fields, Joe Pizzirusso, and I completed the installation of drywall, Pete put a final coat of paint on his interior window frames, and Doug Klieger finished the tile outside the front entry. What a difference that tile makes!!



(Left) Pete Santucci paints window frames. (Right) Doug Klieger (not shown) adds grout to the tile in the vestibule. (Photos by Frank Warner)

On Saturday, John Chickadel, Charlotte Moore, and Mary Friedmann did an expert job taping and adding joint compound to all of the new drywall as well as continuing work with second and third coats of compound on other walls. Pete continued painting window frames (see photo above left). Joe and Bill Mattis sanded drywall seams. John was in charge that day as neither Don nor I could be there. Thank you to the Saturday crew for a lot of work well done.

On Sunday, Doug Klieger added grout to the tile in part of the vestibule. It looks wonderful (see photo above right). Ellen Schwarzkopf and Lola sanded and applied drywall compound. Then we all went to work installing



(Left) Ellen and Don Schwarzkopf and Frank Warner begin installation of the ceiling grid in the jewelry room. (Right) Ellen inspects the initial two rows of grid. (Photos by Frank Warner)

the initial two rows of the ceiling grid in the jewelry room (see photos above). Our plumber came to extend our natural gas line to bench height.

#### **#24: Items accomplished June 13-19**

On Monday, Doug Klieger added tile below the glass block windows on the classroom side of the vestibule. On Tuesday, he installed the baseboard bull-nose tile in the new bathroom and on Wednesday he grouted the large tile wall outside the front door. It looks fantastic! Many thanks to Doug (see photo below left).



(Left) Doug Klieger grouts the large tile wall outside the front door. (Right) Joe Pizzirusso assembles part of the ceiling grid in the jewelry room. (Photos by Frank Warner)

John Chickadel applied and sanded drywall compound Wednesday, Thursday, and Saturday. He was assisted by prospective member Ron Goodman Wednesday and Thursday. Doug Wiggins recently returned from a visit to his 105-year-old mother in Alabama. Doug helped with the drywall preparation Thursday. All three did a great job on a difficult task.

Pete Santucci put tempered glass panels in the eight interior window frames on Wednesday, and then began planning the library bookcases.

Bill Mattis, Joe Pizzirusso, and I completed the jewelry room ceiling grid on Thursday (see photo above right).



(Left) Lighting fixtures are added to the ceiling grid in the jewelry room. (Right) Margie Marshall serves lunch to Don Schwarzkopf and the rest of the work crew. (Photos by Frank Warner)

Kathy Statton and I painted on Friday. Saturday, Don, Joe, and Merrill Dickinson added the lighting fixtures to the jewelry room ceiling grid (see photo above left), Pete worked on the first library bookcase, John worked on drywall, I painted a finish coat on the classroom and part of the library, and Margie served us lunch (see photo above right). Thank you Margie!!

**#25: Items accomplished June 20-27**

The Tuesday crew consisted of John Chickadel, Kathy Statton, Joe Pizzirusso, Pete Santucci, and myself. John worked on preparing drywall for painting, Kathy put a final coat of paint on the rear classroom wall and the polish room walls, Joe and I installed the wall channels for the classroom ceiling, Pete continued work on the first of the library bookcases, and we all worked on removing equipment from the grinding room so that the walls in that room could be finished.

On Wednesday, Bill Mattis and I installed the first two rows of the classroom ceiling grid, Kathy and I did more painting, I added chair rail to the vestibule, John continued with wall preparation in the grinding room, and Pete continued work on bookcases.



(Left) Merrill Dickinson prepares light fixtures for installation. (Right) John Chickadel, Lola Fields, and Joe Pizzirusso install light fixtures in the central classroom. (Photos by Frank Warner)

On Thursday, Doug Wiggins, Lola Fields, Joe, and Bill completed the classroom ceiling grid and installed light units that had been prepped by Merrill Dickinson. John continued with wall preparation (see photos above).

The crew at 105 W. Jasper for the Gemarama equipment move on Saturday consisted of Bill, Lola, Joe,



The Gemarama equipment moving crew. (Photo by a kind stranger)

Ellen Schwarzkopf, Jim Johnston, Gary Cummings and his sons Evan and Max (see photo above). I drove the truck. John Chickadel had hoped to help but had a minor car accident on the way. We missed his assistance, but were very thankful he was O.K. We were joined by Pam Wingrod, Betty Margerum, and Sue Manuel at 24 Upland. The move went smoothly and the equipment fit into the new storage room as planned.



(Top) Margie Marshall serves a wonderful chili lunch complete with dessert to the Saturday work crew. (Photo by Frank Warner) (Bottom) Pam Wingrod and Bill Mattis (left) as well as Ellen Schwarzkopf, Betty Margerum, and Jim Johnston (right) make sure the Gemarama exhibit cases fit together properly. (Photos by Sue Manuel)

After a great chili lunch prepared and served by Margie Marshall (see photo above top), Lola, Joe, Sue, and I installed the ceiling grid in the polish room while everyone else worked on making sure the exhibit cases fit together properly (see photos above bottom).

On Sunday, Merrill prepped the remaining light units. Lola and I finished the painting of the grinding room and vestibule, and Pete completed the first bookcase unit for the library.

Today, Doug Klieger added grout to the tile in the vestibule and the office/library, and Pete and I installed seven of the eight interior windows.

**#26: Items accomplished June 27-July 3**

Our tile work is complete. Many thanks to Doug Klieger who did a fantastic job. As an example, see the photo below left of the tile and glass block in the former mechanical room exterior door opening.



(Left) Finished tile and glass block in the former mechanical room exterior door opening. (Right) Ceiling grid installation is complete and lights have been placed in the grid. (Photos by Frank Warner)

With the help of Bill Mattis, Doug Wiggins, Merrill Dickinson, and Joe Pizzirusso the ceiling grid installation was completed and lights were placed in the grid (see photo above right).

John Chickadel prepared the small bathroom, utility room, and saw room for painting.

Merrill, Joe, and Ellen Schwarzkopf began applying polyurethane to about 800 feet of trim wood that was delivered this week.



(Left) Pete Santucci cutting bookshelves. (Right) Joe Pizzirusso applying polyurethane to bookshelf wood. (Photos by Frank Warner)

Pete and I purchased the wood needed to construct the remaining 7 bookcases for the library. Pete took some of the lumber to his home shop to construct the bases and tops of the bookcases, while Ellen, Joe, and I worked at 24 Upland on preparing the remaining bookcase wood with paint or polyurethane (see photos above).

Don and our electrician, Jeff, completed all of the wall outlets and supplied them with power (no more long extension cords!!), and Don began the process of wiring the lights in the ceiling grid.

**#27: Items accomplished July 4-10**

There were big changes this week!! The drop ceiling lighting units were wired and bulbs installed on Wednesday; the HVAC contractor completed duct work and installation of diffusers on Thursday; tiles for the ceiling were delivered Friday; and many of the tiles were installed Saturday and Sunday.

Wood for the library bookcases was painted or coated with polyurethane; initial construction of five of the eight library bookcases was completed; all of the trim and baseboard wood received a coat of polyurethane; and the baseboards received a second coat. A contract was signed with ADT for a security system.

Bill Mattis helped our electrician, Jeff, with the lights on Tuesday (see photo below, top left), unloaded ceiling tiles on Friday, and then assisted Pete Santucci construct bookcases. Ingrid and Linda Ratsep, Joe Pizzirusso, Ellen Schwarzkopf, and Merrill Dickinson coated the trim and bookcase shelves with polyurethane at various times during the week.



(Top left) Bill Mattis and our electrician, Jeff, place the final light fixture in the jewelry room. (Top right) Pam Wingrod and Lola Fields install ceiling tiles. (Bottom) Betty Margerum and Pete Santucci construct a book case for the library. (Photos by Frank Warner)

Betty Margerum assisted Pete with the bookcase construction on Saturday (see photo above bottom); Pam Wingrod, Lola Fields and I installed ceiling tiles (see photo above, top right); Don Schwarzkopf connected the power to the lighting system. Joyce Babiarz trimmed and watered our plantings.





The Tuscarora crape myrtle is in bloom. (Photo by Frank Warner)

Many thanks to all who have helped. Many thanks also to those who have been packing up the Skill Center including Kathy and Gary Statton, their granddaughter Delaney, Christina and Kevin Kulp, Stacey Segal and husband Michael Nueder, Dora Johns, and Lola. Hope I haven't missed anyone in this list or the one above.

The lights and ceiling tiles make a huge difference. Pete's bookcases

look fantastic. The Tuscarora Crape Myrtle is in bloom (see photo above left).

#### #28: Items accomplished July 11-17

Lola Fields and Joe Pizzirusso completed the ceiling installation Monday evening. They did a very professional job. Pete Santucci worked on the library bookcases Tuesday, Wednesday, and Sunday this past week with Charlotte Moore helping on Sunday. They look wonderful. We will have a terrific library. (See photos below.)



(Top left) The ceiling installation is complete. (Photo by Frank Warner)  
(Top right) Merrill Dickinson coats baseboards with polyurethane. (Bottom) Library bookcases are complete. (Photos by Diane Mattis)

Many other finishing details were completed this week. Doug Wiggins helped on Tuesday and Sue Gar-

rett on Thursday afternoon. Saturday's work session was cancelled. On Sunday the work crew, in addition to Pete and Charlotte, consisted of Don Schwarzkopf, who worked on the emergency lights; Lola and Joe, who worked on the mechanical room door opening, chimney flu, and ceiling; Katy Winters, who did much needed cleaning up and helped Lola install soaker hoses in our planting beds; and Merrill Dickinson, who coated several hundred feet of trim with polyurethane (see photo previous column).

#### #29: Items accomplished July 18-24

On Tuesday, a technician from ADT installed our burglar alarm system.

Merrill Dickinson finished coating our trim wood with polyurethane. Doug Wiggins, John Chickadel, and Pete Santucci installed four of the remaining six doors (see photo below left). Great job!



(Left) Doug Wiggins, Pete Santucci, and John Chickadel install a door; the ADT technician is in the background. (Right) Bill Mattis and John Chickadel install the last door. (Photos by Frank Warner)

And special thanks to Doug who got us out of difficulty installing the jewelry room door. That one, the first we tried that day, was the most difficult as our frame was not perfectly square. Lola Fields and I installed wall cabinets in the polishing room.

On Wednesday, Pete and Charlotte Moore completed installation of the library bookcases. They really look terrific. Many thanks to Pete for his design and construction work.

On Friday, John, Bill Mattis, and I installed the final two doors (see photo above right).

We had a very large and busy crew on Saturday. Among the many things accomplished and the tasks in which various members participated are the following. Don Schwarzkopf worked on installing emergency and exit lights. Ellen Schwarzkopf attached cover plates to some electrical outlets and worked on many other tasks. John and Bill patched the mechanical room ceiling.

Charlotte, Lola Fields, and I installed ceiling light units in the saw room, utility room, small bathroom, and in the mechanical room where John helped lift those



Lola Fields, Betty Margerum, Charlotte Moore, and Pam Wingrod prepare a lighting fixture for installation. (Photos by Frank Warner)

large and heavy units (see photo above). Pam Wingrod and Betty Margerum cleaned the library bookshelves and the polishing room cabinets and did a lot of general clean-up. Lola efficiently directed the move of two large, heavy laboratory tables from the jewelry room into their final placement in the polishing room. Pete picked up wood that he needed to cut at home for window and door trim. Merrill sanded fingerprints off of all of the newly installed doors and prepared them for polyurethane.

Sunday, Don continued installing emergency and exit lights. Ellen prepared the small bathroom door and one of the saw-room walls for painting. Joe Pizzirusso patched nail holes and, along with Ellen, removed the protective coverings from both sides of 90 panes of glass in the new doors (see photo below left).



(Left) Joe Pizzirusso removes protective coating from door glass. (Right) Lola Fields and Charlotte Moore install door trim.

(Photos by Frank Warner)

Also on Sunday, Lola, Charlotte, and I applied trim to the new doors (see photo above right). Pete prepared and applied trim to the opening between the Genie and polishing rooms. Pete, Don, and I worked out details of the construction of the large jewelry room bench. Charlotte, Lola, and I installed the post for the handicap park-

ing sign. Christina Kulp and Kathy Statton brought the Memorial Cases from 105 W. Jasper.

While all of this was going on at 24 Upland, there was also a lot of work at 105 W. Jasper. Many thanks to Kathy Statton who sent me the following report: "Joe and John drained all the saws and cleaned them out. Charlotte Moore and Christina Kulp helped Gary and me (Kathy) pack loose items. On Saturday, Drew Schmidt and Dora Johns helped with the garage sale from 8 to noon. Those shopping included Katy Winters, Mary Cormican, Janice Smith, Drew, Dora, Lee Ramsey, Christina, and Bob Miller. Pam and Betty took care of the sale Sunday from 9 to noon and Gayle Flaer helped throughout the day."

### **#30: Items accomplished July 25-31**

On Monday evening, Lola Fields, Bill Mattis, and Charlotte Moore moved wood cabinets and counters from 105 W. Jasper to 24 Upland.

On Tuesday, Pete Santucci finished the trim for the interior windows and I worked on applying the first coat of polyurethane to the interior doors.



(Left) Doug Wiggins and John Chickadel install baseboards. (Right) Memorial Cases are installed in the central classroom.

(Photos by Frank Warner)

On Wednesday, Doug Wiggins and John Chickadel finished applying the door trim and began installing baseboards (see photo above left). Sue Garrett put a coat of paint on the new interior window trim. I coated more doors with polyurethane and fixed a perplexing electrical problem above the mechanical room ceiling with the help of John and some long-distance guidance from Don Schwarzkopf, who was in Vermont.

On Thursday, John finished patching the mechanical room ceiling, and worked with Charlotte installing baseboards. Sue put a second coat of paint on one of the interior windows. And I patched the utility room floor with some cement, routed some trim to fit the utility room door, and continued applying polyurethane to the doors.

On Saturday, Lola and Charlotte installed baseboards, and helped me install the Memorial Cases in the classroom (see photo above right). I finished the first coat of polyurethane for the interior doors. Stacey Segal-Nuceder stopped by late in the day and helped sand doors in preparation for a second coat of polyurethane. John Chickadel and several students from his Viking Weave workshop stopped by to show us the beautiful bracelets that they had just made. Joyce Babiarz came late in the day to water and care for the plantings.



(Left) Merrill Dickinson, Lola Fields, and Bill Mattis deliver library books from Media. (Right) Stacey Segal-Nuceder and her husband, Mike, shelve the books in the new library. (Photos by Frank Warner)

On Sunday, Charlotte did a great job completing the installation of baseboards. Bill, Lola and Merrill delivered the library books from 105 W. Jasper along with a couple of cabinets; Stacey, her husband Mike, and Katy Winters unpacked the books and placed them on the library shelves. (See photos above.)



(Left) Sue Manuel adds a second finish coat of paint to an interior window. (Right) Lola Fields checks out the first Genie and Genie bench under the newly installed cabinets. (Photos by Frank Warner)

Sue Manuel painted the second finish coat on the remaining interior window (see photo above left). Bill, Lola, and I installed cabinets in the Genie/Titan room (see photo above right). I hope I haven't missed anyone.

### **#31: Items accomplished August 1-7**

We accomplished a lot this past week. Almost all of the tasks on last week's to-do list were completed. Here is a summary of the highlights. My apologies to anyone whose contributions I missed.



(Left) Doug Wiggins installs door hardware. (Right) Heidi Thompson paints Genie bench parts. (Photos by Frank Warner)

On Tuesday, Doug Wiggins installed door hardware (see photo above left). He and I worked on installing chair rail, and Heidi Thompson painted the parts for the Genie benches that Pete Santucci brought from his home workshop (see photo above right).

On Wednesday, Heidi continued painting the bench parts, John Chickadel patched the mechanical room ceiling and installed chair rail, and Bill Mattis put putty in nail holes and helped with the chair rail. Pam Wingrod cleaned the bathrooms, spackled nail holes, applied wood filler, and cleaned the post in the classroom.

On Thursday, we passed our final plumbing inspection, Lola Fields and I installed cabinets in the jewelry room, and John continued applying trim. On Friday, Pete and I purchased butcher block for some jewelry room counters.

On Saturday, we had the largest work crew yet Lola, Heidi, Pete, Pam, Bill, Charlotte Moore, Stacey Segal, Betty Margerum, Don and Ellen Schwarzkopf, Joe Pizzirusso, and myself. Heidi continued painting Genie bench parts, and Bill and others helped Pete assemble benches. Lola applied cabinet trim, cleaned the mechanical room ceiling, and applied primer to that ceiling. Ellen prepared the saw room walls for painting. Charlotte worked on doing the edge painting of the small bathroom door and saw room walls. Joe helped apply new baseboards to three counter/cabinets brought from 105 W Jasper and did many other tasks including edge painting after Charlotte had to leave. Joe and Betty rearranged renovation supplies in the storage room, and Betty cleaned up wall marks. Pam coated some trim with polyurethane, and applied touch-up paint. Stacey brought more library materials from 105 W. Jasper. Don accomplished many electrical tasks.



(Left) Don Schwarzkopf installs electrical panel covers in the mechanical room. (Right) Ellen Schwarzkopf, Pete Santucci, and Katy Winters assemble a Genie bench. (Photos by Frank Warner)

On Sunday, Lola put a final coat of paint on the mechanical room ceiling and worked with me to construct three ceiling access panels. Ellen finished painting the small bathroom door and the saw room with a chestnut brown rust-o-leum. Looks great! Don and I replaced our HVAC filters. Don installed a device that will tell us when the filters need to be replaced in the future without our having to go up on the roof to check. Don also worked on many electrical tasks (see photo above left). Ellen and Katy Winters helped Pete assemble the Genie benches (see photo above right).

### **#32: Items accomplished August 8-14**

On Tuesday, John Chickadel finished the chair-rail and wainscoting. Doug Wiggins scraped and primed the rusted lintel above the front windows and worked with John on trim for the mechanical room door. Pete Santucci continued working on the Genie benches. I coated the window molding with polyurethane on two more of the doors.



Pete Santucci works on the butcher-block cabinet top for the jewelry room. (Photo by Frank Warner)

On Wednesday, the crew consisted of Pete, John, and Lola Fields. More work was done on the Genie benches. The trim to the mechanical room door was completed. On Thursday, Pete delivered butcher-block tops that we had ordered from Sears for counters in the jewelry room (see photo at left). I put a top coat of paint on the lintel above the front windows.

Lola and I patched a cement crack in the loading dock area and caulked some seams in that area in preparation for the construction of our storage unit. Lola assisted Pete with the painting of the Genie benches.



(Left) Bill Mattis and Pete Santucci assemble a Genie bench. (Right) Ellen Schwarzkopf cleans door windows. (Photos by Frank Warner)



On Saturday, the crew consisted of Don and Ellen Schwarzkopf, Bill Mattis, Stacey Segal-Nuceder, Lola, Pete, Joe Pizzirusso, and myself. Among the many tasks completed, I caulked seams in the lintel above the front windows and finished coating the molding of the interior doors with polyurethane, Lola coated the mechanical room door trim and some cabinet trim with polyurethane, Bill and Pete made great progress assembling the Genie benches (see photo above left), Bill and I scrubbed the loading dock for eventual application of epoxy paint to the floor of the new storage unit, Joe power wire-brushed and cleaned the rear door so that it can be painted, Ellen did some touch-up paint and cleaned door windows and glass block (see photo above right), and Stacey organized the library (see photo below left) and then traveled to 105 W. Jasper to take down the shelving in our old library for use in our new storage unit.



(Left) Stacey Segal-Nuceder organizes the library. (Right) Don Schwarzkopf closes the electrical panels for inspection. (Photos by Frank Warner)



On Sunday, the crew consisted of Don, Bill, Lola, and myself. Don completed those electrical tasks that needed to be done for inspection (see photo above right), Bill coated some Genie bench-top edges with po-

lyurethane, Lola and I straightened a section of the jewelry room ceiling that was not sufficiently level, and Lola, Bill, and I did a general clean-up, sorting-out, and equipment move in preparation for the floor work to be done this coming week.

### **#33: Items accomplished August 15-22**

Monday and Tuesday — floor leveling of library, classroom, and saw and mechanical rooms was done.

Also, Pete Santucci and I completed work on the butcher block counter for the jewelry room, and I helped Pete finish the sixth, and last, of the new Genie/Titan benches. Pete designed these benches almost a year ago and presented the Board with the prototype last October. These benches are his gift for the new facility. They look wonderful and will work extremely well. Pete's clever design should minimize vibration and noise. Many thanks to Pete!



(Left) Carpet layers at work. (Right) Carpet installation is complete in the classroom and library. (Photos by Frank Warner)



Tuesday and Wednesday — carpet was installed in the classroom and library (see photos above).

Wednesday and Thursday, Pete and I compiled a supply list for construction of the jewelry bench and purchased some of those supplies from Home Depot.

No work by TLS members Friday through Monday. Members were busy demonstrating our skills at the BeadFest and Lebanon shows.

Those planning to demonstrate at Lebanon were Ellen and Don Schwarzkopf, Betty Tiger and husband Frank, John Chickadel, Tami O'Connell, Joe Pizzirusso, Jim Johnston, Dave Groncki, and Gary and Kathy Statton. Those planning to help demonstrate at Bead Fest were Sue Garrett, Christina Kulp, Joy Tunick-Green, Pattay Alexander, Gayle Flaer, Betty Margerum, Pam Wingrod, Stacey Segal, Gail DeMarco, Dora Johns, Betty Tiger, Tami O'Connell, John Chickadel, Joe Pizzirusso, and Kathy Statton. Many thanks to all.

### **#34 Items accomplished August 22-29**

On Tuesday, the Fire Marshall told us that we have to install an interconnected, 120-volt smoke/carbon monoxide alarm system with a sensor in each room. Also, nothing in the storage room can be within 18" of the ceiling and the large opening in that ceiling has to be closed as do various small openings in the mechanical room ceiling. The Licenses & Inspection (L&I) inspector found three problems to be corrected: the handicap parking sign in the driveway had to be raised to 60" above

ground and the thermostat and ADT key pad had to be lowered so that the highest buttons were no more than 48" above the floor. Doug Wiggins attached the door striker plates, he and John Chickadel closed the holes in the mechanical room ceiling with drywall, and the three of us put a very fast-setting epoxy coating on the mechanical and saw room floors.

On Wednesday, Lola Fields painted drive way stripes in the handicap area, John closed up tile holes in the small bathroom and patched the mechanical room ceiling, and Drew Schmith used foam caulk to close up holes around pipes in the mechanical room as required by the Fire Marshall. We cleaned and applied epoxy paint to the grinding and polishing room floors while Pete Santucci worked on the jewelry bench supports.

On Thursday, we passed the electrical inspection. On Friday, our plumber removed an 80-pound section of cast iron drain pipe above the storage room ceiling in preparation for closing in that ceiling area, we passed the L&I inspection and, in the evening, we began our move by loading a truck at 105 W. Jasper to be unloaded Saturday morning at 24 Upland. The crew consisted of myself, Lola, John, Joe Pizzirusso, Merrill Dickinson, Pam Wingrod, Doug, Bill Mattis, Heidi Thompson, Kathy Statton, Ed Brightbill, Charlotte Moore, Dora Johns, Betty Tiger, and Katie Winters.

Unfortunately, very sadly, we had an injury Friday evening. Katie's right hand thumb tip was crushed while helping haul a very heavy rolling mill up the stairs at 105 W. Jasper. Fortunately, no bones were broken but a portion of the tip of her thumb was sheared off. We are all deeply saddened that this happened to Katie. The injury will impact her ability to work. We hope it heals quickly; we also hope she will ask us for help if there's any way some of us could be of use to her, especially in upcoming shows that she has scheduled.

Saturday morning we unloaded the truck at 24 Upland and made another trip to 105 W. Jasper to complete the move of all our equipment. Don Schwarzkopf worked on installing the smoke alarm system, Pete worked on jewelry bench supports, and our contractor James Baillie and crew framed and enclosed our new storage room under the loading dock roof. Margie Marshall prepared a great lunch and we all headed home before hurricane Irene. The Saturday crew included Don, myself, Doug, Bill (along with son Bill and grandson Will), Lola, Merrill, Pam, Ed, Joe and nephew RJ, Heidi, John, Betty, Ellen Schwarzkopf, Dora, Jim Johnston, Charlotte, Pete, and Margie. It was a great turnout. Thank you all for your help with the move.

Sunday's session was cancelled because of Irene. Fortunately, Pete checked on the new facility and found that water had come in under the front door far enough to wet the new carpet going into the classroom. Pete and wife Rosalyn soaked up the water with towels and used a fan to dry the carpet. Many thanks to Rosalyn and Pete.

### **#35 Items accomplished August 29-September 5**

On Monday, our contractor finished putting siding on our new storage shed. Many thanks to Pam Wingrod for taking my report #34 by dictation and sending it out as

Ada and I were without power due to hurricane Irene (our power was restored Tuesday evening).

On Tuesday, we rented a truck and brought to 24 Upland and many items from our storage unit in Exton including the library desk, boxes of books for the library, a filing cabinet, a Genie, a faceting machine, a 10" slab saw, several tables, and several shelving units. The moving crew consisted of John Chickadel, Lola Fields, Bill Mattis, Kathy Statton, Doug Wiggins, and myself. Back at 24 Upland, we were joined by Pam and Pete Santucci. We unloaded and then worked on a variety of tasks. Kathy began painting the interior plywood walls in the new storage shed.

On Wednesday, Pete continued work on the supporting structure for the large jewelry bench. Pam and Kathy sorted items from last weekend's move and helped me begin installing heavy-duty shelving brackets in the new storage shed. Pam painted some of the jewelry bench supports (see photo below left).



(Left) Pam Wingrod paints jewelry bench supports. (Right) John Chickadel installs shelving in the new storage shed. (Photos by Frank Warner)

On Thursday, Pam continued the bench painting.

On Friday, John and I began installing heavy duty shelving in the new storage shed (see photo above right); Kathy finished painting the interior of the shed; Pam, Kathy, and Gary Statton sorted and shelved equipment; Pete continued work on the complicated jewelry bench; and Pam painted the bench supports. Charlotte Moore came with her truck to help me pick up seven large pieces of butcher block from Sears that will form the top of the jewelry bench.



(Left) Pete Santucci and Kathy Statton cut shelving. (Right) Joe Pizzirusso, Dora Johns, Lola Fields, John Chickadel, and Merrill Dickinson sort rocks. (Photos by Frank Warner)

On Saturday we had a very large and active crew consisting of John, Pam, Don and Ellen Schwarzkopf, Joe Piz

zirusso, Lola, Merrill Dickinson, Roger Binns, Pete, Margie Marshall, Kathy, and myself. Lots of sorting and shelving was done (see photos on previous page); the shelves for the new shed were completed; and the jewelry bench supports were completed. Don connected the ceiling portion of the jewelry room exhaust system. Our contractor finished the last details of the new storage shed.



(Left) Supporting structures for the jewelry bench are laid out. (Right) Joe Pizzirusso installs trim saws. (Photos by Frank Warner)

On Sunday, Kathy, Lola, Bill, Merrill, and I loaded half-a-dozen very useful benches into Lola's and Merrill's vans for the trip from the Exton storage unit. Don continued work on the jewelry bench exhaust system and on the smoke alarm system. Pete started laying out the jewelry bench supporting structure (see photo above left) and Joe installed trim saws (see photo above right).

I hope I haven't missed anyone. With so much going on this week and so many members helping, I found it hard to keep track of everything.

### **#36 Items accomplished September 5-12**

This will be my final weekly report on the progress of renovations at our new Educational Facility. Next Sunday, the 18th, we will have an Open house for members and their families from 10AM to 4PM, and for special guests and members of the public from 1PM to 4PM. The following Saturday, September 24, we are participating in Brookhaven Family Day and will have a concurrent open house for local folks from 12PM to 4PM. Then on Thursday, September 29, classes will begin.

The crews this past week consisted of Don and Ellen Schwarzkopf, Lola Fields, Joe Pizzirusso, and myself on Monday; John Chickadel, Doug Wiggins, and myself on Tuesday; Pete Santucci, John, and myself on Thursday; Bill Mattis and Pete on Friday; Pete, John, Pam Wingrod, Betty Margerum, Sue Garrett, Joe Pizzirusso, Kathy Statton, Joyce Babiarz, and myself on Saturday; and Barry Messino, Bill, Don, Ellen, Kathy, Lola, Pete, Merrill Dickinson, Stacey Segal, and myself on Sunday. I hope I didn't miss anyone.

Lots of projects were completed. The polishing room and saw room are completely set up (see photos top of next column). Great progress has been made on the large jewelry bench (see photo next column center top left), the jewelry room floor has been coated with epoxy paint, the library has a new (donated) legal size file cabinet (see photo next column center top right), much sorting has been done, the rear doors have been painted (see bottom photo next column center), and we have



(Left) Doug Wiggins and John Chickadel assemble the large slab saw. (Right) The saw room is complete. (Photos by Frank Warner)

started touch up painting. Barry filled the Memorial Cases and they look great. Merrill found some inexpensive, but good looking and perfect size bar stools for use at the polishing tables.

Some photos of the week's activity and progress are shown below. The photos were taken by me except for the one of me taken by Lola who insisted I should put it in this report so that members would know that I actually did some work on the project in addition to taking photos and writing reports. Thank you, Lola.



(Top left) Pete Santucci works on the jewelry bench. (Top right) A new file cabinet is installed in the library. (Photos by Frank Warner) (Bottom) Frank Warner paints the storage shed door. (Photo by Lola Fields)

Today (9/12/11), Ada and I picked up two new Genies and some jewelry bench equipment from Gilman's. Tomorrow (9/13/11), Doug Wiggins, John Chickadel, Kathy Statton, and I will finish clearing out the Exton storage locker while Pete Santucci will be working on the jewelry bench. The main work Wednesday through Friday will be on the jewelry bench. Also tomorrow, all of the locks will be changed. I will have new keys for everyone who needs one.

This is not to say that the renovations are complete. Indeed, much remains to be done, although the work will take place at a somewhat slower pace in the coming weeks. Students and teachers, please bear with us as we work to optimize the utility of our new spaces. Suggestions, recommendations, and additional volunteer help will be welcome.

A partial "to-do" list includes:

#### Near Term

- ✓ finish touch-up painting
- ✓ add heat-rise detectors in four rooms to complete alarm system
- ✓ complete the jewelry bench
- ✓ install jewelry bench equipment
- ✓ complete jewelry bench exhaust system
- ✓ supply power, gas, O<sub>2</sub>, and compressed air to jewelry bench stations
- ✓ finish power drop for classroom table
- ✓ add more sensors for entry light system
- ✓ finish sorting of equipment for October 1 sale
- ✓ change HVAC filters
- ✓ optimize use of storage room shelving and storage shed shelving.

#### Mid Term

- ✓ add lighting in shed
- ✓ layout parking lines in parking lot
- ✓ replace two exterior lights, relocating one of them
- ✓ supply power to the utility room
- ✓ get sign permit for adding appropriate signage
- ✓ clean exterior brick.

#### Longer Term

- ✓ design and construct additional counter and cabinets for grinding room
- ✓ design and construct additional counter and cabinets for jewelry room
- ✓ design and construct counter and cabinets for one wall of classroom.

#### Next Year

- ✓ construct overhang for front door and library windows
- ✓ renovate utility room.

And there will be more. That's all I can think of at the moment. Some of this work will be done weekdays, some on weekends. We will probably reduce weekend work to one day, rather than the two we have kept up for nearly the entire year so far.

Many, many thanks to all of the volunteers who have worked so hard this year. You have done a terrific job that has added truly significant value to our facility and has made it into a very inviting place to teach and learn.

Finally, many thanks to those who have told me how meaningful these reports have been to them, especially those who wanted very much to be able to work at the site but were physically unable to do so and for whom the reports became an important way to feel part of the project. That made all of the writing very meaningful and worthwhile to me in addition to its value in coordinating the whole operation.

### TLS Education Center Open House, September 18, 2011



(Left) Pete Santucci, Doug Wiggins, and Gary Statton. (Right) Al Siegfried, Sue Manuel, Charlotte Moore, Margie Marshall, and JoAnn Siegfried.



(Left) Examples of TLS skills. (Right) Charlotte Linzey and Merrill Dickinson.



(Left) TLS President Sue Garrett and Al Webber, TLS's oldest member at almost 104. (Right) "Scrapie" and Don Schwarzkopf.



(Left) Pete Santucci and Jim Johnston. (Right) Peg Johnson, Ellen Schwarzkopf, Diane Mattis, and Jim Johnston.



(Left) Don Schwarzkopf, Pam Wingrod, Ellen Schwarzkopf, and Bill Mattis. (Right) TLS members gather in the central classroom.

The Open House of the TLS Education Center in Brookhaven was held September 18, 2011. TLS members were invited from 10AM on; township officials, residents, and other members of the general public were invited 1-4PM. Cookies, cider, and lemonade were served and the event was well attended by old friends and new. These photos were taken by Frank Warner and Drew Schmith.

The Tuscarora Lapidary Society (TLS) is a 501(c)(3) non-profit organization and a Pennsylvania Purely Public Charity organized to encourage and teach the science and art of lapidary (the cutting and polishing of stones) as well as the arts and sciences associated with lapidary interests. This mission is accomplished through General Meetings, an Annual Show, educational Courses and Workshops, and free displays and presentations, all open to members of the general public. TLS meets the second Wednesday of each month, except July and August, at 8PM in the Springfield Township Municipal Building on Powell Road in Springfield, PA; the June meeting is a dinner held at a local restaurant. Visitors are always welcome; anyone interested in joining the club may talk to any officer about the dues and membership requirements.

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*The Tuscarora Lapidary Society has been teaching rock cutting, polishing, and jewelry making for more than thirty years in Media, PA.*

*In September 2011, we moved into our new Education Center in Brookhaven, PA.*

*For information on TLS, classes in lapidary arts and jewelry making, and on our annual show, Gemarama, visit [www.lapidary.org](http://www.lapidary.org) or call 610-490-5252.*



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