

Saltfork Craftsmen

Artist-Blacksmith Association

September 2009



This is a wizard bottle opener.
Made by Gerald Franklin

**Saltfork Craftsmen
Artist-Blacksmith Association
Officers and Directors**

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The Saltfork Craftsmen Artist-Blacksmith Association, a non-profit organization of amateur and professional artist and craftsmen, publishes this newsletter monthly. Our purposes are the sharing of knowledge, education and to promote a more general appreciation of the fine craftsmanship everywhere. We are a chapter of the Artist-Blacksmith Association of North America.

Material from this newsletter may be freely copied without permission for non-profit purposes. Please credit the author and this publication.

Visit our Saltfork Craftsmen Website:
www.saltforkcraftsmen.org

Trading Post

For Sale:
5/8in. Round 1045 stock in 12 ft. lengths. Price is .50/ft. contact Ron Lehenbauer at therustyanvil@yahoo.com or call 580-554-1126 to order. Delivery can be made at the Conference. I can have it cut into 1ft or 6ft pcs to haul. 1-foot pcs will be a bit extra for the cuts. This is great metal for punches or chisels.



Army surplus round nosed pliers that make good scroll pliers for small items. They are 6" long \$5.00 each plus shipping. I also tie brooms on your handle or mine. \$20.00 plus shipping. Diana Davis 580-549-6824 or Diana-copperrose@hughes.net



Due to health problems, I have decided not to rebuild any more Little Giant hammers. I have for sale: One decent used 100# hammer (\$3,500), one completely rebuilt 50# hammer (\$4,500). One early style rebuildable 50# hammer (\$1750), and one transition style rebuildable 50# hammer (\$2,250). I have some miscellaneous parts, dies, babbit mandrels, and etc. for sale. Contact Mike George at 580-327-5235 (home), 580-829-1968 (cell) or Mike-marideth@sbcglobal.net



Wanted:
Advertising Coal Hammers, Contact Mike George at 1-580-327-5235 or Mike-Marideth@sbcglobal.net

Club Coal

Saltfork Craftsmen has coal for sale. Coal is in 1-2" size pieces. The coal is \$140.00/ton or .07 /pound to members. No sales to non-members.

NW Region coal location:

Bring your own containers. Contact Tom Nelson at 1-580-862-7691 to make arrangements to pick up a load. **DO NOT CALL AFTER 9 P.M.** If you make arrangement well in advance, Tom can load your truck or trailer with his skid steer loader. Otherwise you will need to bring a shovel. The coal can be weighed out at the Douglas Coop Elevator scales.

S/C Region coal location: Coal is in 1-2" size pieces. Bring your own container. The coal is at Max Scrudder's place in Mountain View. Contact Max for load out instructions. Max Scrudder can be contacted at (405) 226-9951

NE Region coal location: Dan Cowart also has coal to sell. He can be contacted at dacowart@dishmail.net or Cowart-Pat@gmail.com

New shipment of swage blocks now in.
\$80. plus shipping to members.
\$100.00 plus shipping to non-members
Contact Bill Kendall for more information

Send your ads to the Editor by the 20th of each month. Ads will run for 60 days unless requested.

MEETING SCHEDULE

Sept.

SE Regional meeting (Sept. 5) Open

NE Regional meeting (Sept. 12) Hosted by Dan Cowart. The meeting is being held at the Pawhuska Blacksmith shop. The trade item is anything with a feather or leaf. A tent will be set up to sell our projects if they want to bring them. I will supply a table and we will have someone to operate it. The Bronze Horse will be giving a tour again this year. The tour will be around 11:00am. The Osage Indians will be doing there art show at the same time.

S/C Regional meeting (Sept 19th) Hosted by Dorvan Ivy at the blacksmith shop in Elk City.(Route 66 Museum) trade item is anything with a leaf. Bring a dessert to help out if you want.

NW Regional meeting (Sept. 26) Gary Seigrist at the blacksmith shop in Elk City (Route 66 Museum) Trade item is a cooking utensil. Bring a dessert if you want.

Father-son team makes hobby pay

There is a good article about Bill and Jeff Kendall in the Daily Oklahoman. I think the article was in the Friday, August 7th issue. I tried to contact the writer of the article to ask permission to reprint. Didn't get permission but if you get the paper I would appreciate a copy to display in a frame at the conference. Thanks...Editor

Info from the Blacksmith Editors page..

I quit blacksmithing in 1988 when my shoulder gave out from the hammering. Finally, in December 2006, I stopped publishing Blacksmith's Gazette. Now, I've finally decided to start getting rid of my many books on Blacksmithing. I've set up a page on my More Woodturning web site to list the blacksmithing books. That page can be reached at the following URL: <http://www.morewoodturning.net/BlacksmithingBooks.htm>

At this time, there are only a few books listed, but I will be adding to the list over the next week or so as I have time. Please let other Blacksmiths know.

Fred Holder, former publisher of Blacksmith's Gazette

S/C Regional meeting

The August 2009 meeting at my place was just great. Good friends, weather, and hot dogs and links style cook out. *Thanks to all who came with cakes, pies, and other tasty treats.* About 30 members, kids and friends showed to watch or talk over old times.

Gerald Franklin fired up his forge and put on demos. I had two coal and one gas forge ready to go but it was Gerald's fine forging that kept the most attention to the forge work.

Trade item was eating utensils. There were four trade items displayed and one special expert forged item by Ron Lehenbauer. Ron's trade item was so far advanced forging skills it could not be used in the drawing. Ron had taken plastic and steel and combined into a fork that just took the show. You know Ron, he likes a good joke. Some from Texas and others from all over Oklahoma came and enjoyed the event. One main comment was the cherry pie "Make More". Food, Iron and talking; what a great bunch of people to hang out with.

Richard Simpson
Stargate Forge

Scenes from Richard Simpson's



First Annual Granite Art Show

I was invited to demo at the Granite, OK Art Show at the end of July. Demoing in late July and August is usually reserved for Blacksmith meetings, but since this was their first and they promised a shade tree, no booth fee, keep what I sell, and a chuck wagon breakfast it was hard to turn down. After getting the smithy set up and a nice fire going folks started wandering by. It wasn't a large crowd, perhaps 600 – 700 folks for the day.

One lady came by and saw the dinner triangle's and asked if they were for sale and how much. I told her yes ma'am they are for sale and they are \$20. She looked at her husband and said, "Give me \$20 honey", he reached into his wallet and brought out \$20, which she brought over to me and said "He keeps saying he can't hear me when I call. I'll bet he can hear me now." The man just looked at me as if to say, "Thanks for the help." I'm not really expecting many referrals from him. However, there may be a new customer market of wives whose husbands don't answer when they call. Hmmm?

A couple of hours after getting started a young boy came up and was absolutely amazed by the fire, hammer, and anvil. He commented on everything that was made. I decided to conduct an, "All six year olds in the audience marketing poll" and asked him out of all the things on the table what was his favorite. Little Josh said, "I like everything, you are really good!" You know, we come across folks, especially kids who are impressed at what we do, and every once in awhile a little boy who is absolutely amazed by it. Little Josh was just such a boy. His grandpa came over several times during the day and asked if he wanted to go to the swimming pool since all of his cousins were there, not 150 yards away. It was over 100 degrees and Josh stayed right in front of the anvil for 4 hours. He asked me to make a bear head (2d) and so I did and let him take a close look after each step, his eyes grew bigger and bigger and he would say, "That's the nose!" "That's the mouth!" "That's the eye!" Towards the end of the day after the crowd left and only Josh was there his grandpa came up and gave him \$5 to buy something off the table. His choices were, an owl, cross, large key ring, and an "S" hook, he chose the "S" hook and his grandpa asked if he knew what that was for and he said "Yes I do, you hang stuff from it like a pot over a campfire." Unknown to the public I was running a special at the end of the day, if you bought an "S" hook you also got a freshly made 2d bear head.

I'll probably go back next year, and if they tell me Josh will be there I might even pay'em to go back.

David Seigrist

President's Notes

Gerald Franklin

The Board of Directors met on August 15th at the regional meeting hosted by Richard Simpson. We got a lot of business done, but the main item on the agenda was to finalize plans for our 13th annual conference in Perry. Things are going well in putting the conference together and our conference co-chairs, J.C. Banks and Dan Cowart are doing a good job of keeping the club on top of things. There are still a few slots to fill for help at the conference and if you get a call from J.C. or Dan asking for your help, I hope that you will be able to say "yes". If you are not called specifically to help, there will be plenty of ways you can pitch in at the conference site. It's hard to have too much setup & tear down help.

Also, we always can use donations for the Iron-in-the-Hat and auction. Both of these activities account for a major portion of the club's income each year. Please consider making a nice item and donating it to the auction. The next time you are at Harbor Freight (I know all you "tool snobs" shop at Harbor Freight just like the rest of us) pick up a few low-dollar items to put on the ITH tables. A simple tool like a measuring tape or a pair of welding gloves can be parlayed into several dollars for the club. We are always happy to see your work displayed in the gallery as well.

Work on our participation in the State Fair is coming along well. Diana Davis recently met with the Fair staff and did a physical walk-thru of the area where we will be set up. There are more details concerning this event elsewhere in this newsletter. We can always use more hands at the Fair, so if you haven't signed up, contact Diana Davis or Aniela Hadick to get your name on the list. Also, we understand that things come up in everyday life that make us have to change our plans so if you have signed up for some time at the Fair and got over-run by another event, please contact Diana or Aniela to get them to re-schedule your demo time. There's no need to drop completely off the list, just arrange another date to come demo.

This is the first time that we have been invited to demo at the fair and it gives us a good opportunity to put our craft before such a large group of people in one place. To try to advertise and reach a group of people as large as the one that will see us at the Fair would be cost prohibitive so we should be getting some good exposure for the club and for our individual demonstrators as well. Hopefully we will be able to convince some folks that this is a craft that is worth getting into.

Minutes

Saltfork Craftsmen Board of Director's Meeting
Aug 15, 2009

- Call to order - The meeting was called to order at 12:45 PM in Dibble, OK. Board members present were J.C. Banks, Byron Doner, Gerald Franklin, Bill Kendall and Mike George. Several other members were also present.
- Treasurer's Report - The club is solvent.
- Workshops - The next workshops to be scheduled are power hammer use/tooling, project layout and re-pousse' techniques. There are spaces in all of these workshops. Members should check the latest newsletter for location and cost.
- Conference items (Conference Co-Chairs) - Details of the conference were discussed and final taskings were put into place. Updated task list will be distributed to all concerned. (Action J.C. Banks & D. Cowart)
- Cone Mandrel Project - We will no longer continue the cone mandrel project. We believe that the cost to the club per item will be too high for the club to recover expenses.
- Swage Block Status - We have approximately 50 blocks left in inventory. This number should carry us through the conference and then we will order more.
- Coal at Mountain View- Motion by J.C. Banks and seconded by Byron Doner to order a load of coal to be delivered to Max Scrudder's shop in Mt View. Motion carried. (Action G. Franklin)
- ABANA Conference Support- Motion by J.C. Banks and seconded by Byron Doner to support the 2010 ABANA Conference by sponsoring a demonstrator at a cost of \$600. Motion carried with one nay vote. (Action G. Franklin & M. George)
- Other Business – Bill Kendall spoke about shipping boxes for swage blocks. Our supply is getting critically low. It was suggested that he contact Adam Hall to determine if he had a source. If anyone else has a source of heavy duty, double-walled shipping boxes they should contact Bill Kendall. J.C. Banks is to send the auctioneer's (H.O. Hodge) mailing address to Diana Davis so that she can add it to her mailing list for the newsletter. J.C. Banks & Dan Cowart are to send photographs of a teaching trailer forge to Robb Gunter to determine if they would be suitable for the conference.
- Next BOD meeting - The next BOD meeting will be at the conference in Perry.
- Adjournment– The meeting was adjourned at 2:30 PM.

SEPT. MEETING FOR THE NE REGION.

On Saturday September 12, 2009 we are having the Northeast meeting at 210 W. Main in Pawhuska, OK. This is the site of the Blacksmith House the Osage Indians built in 1871 so they could get a blacksmith to come to the area. Main street is the main artery through Pawhuska.

The Chamber of Commerce which owns the Blacksmith house wants to build a working Blacksmith shop with a demonstration area behind the house. It would be in a building with an area to shoe horses also. Mike McCartney has asked the SCABA to help with this project. The Blacksmith shop will be in an 1870 to 1890 time period. It would be great if some of you smiths who have built some shops in that era could come and give some advice and share the day with us.

Mike McCartney has invited us to set up and demo. He is allowing us to sell any thing we have made. He is having the Osage Tribe to supply our lunch and it will be true Osage Indian food. Because of this, it would be nice if I could give him a close guess as to how many people might show. It doesn't have to be a close count but would help. If you are planning to attend and can contact me at (home) 918.534.0299 or (cell) 918.440.0653 or E-mail me at ddcowart@gmail.com I would appreciate it.

"The Bronze Horse" owner John Free Jr. has agreed to give some tours during our meeting. They make bronze statues and I have toured their facilities twice and it is real fascinating to see what they do. **This is part of an article taken off the internet:** *'The Bronze Horse, Pawhuska, Okla., a metal casting facility that specializes in sculptures, has been chosen to assist in the production of "The American,"--a cast bronze statue that will eclipse the Statue of Liberty as the largest in the world'*.

Danny Cowart

Southeast Meeting at Fort Towson

Gerald Franklin

The August Southeast Regional meeting was held on August 1st at Fort Towson near Hugo, OK. The host of the meeting was Omar Reed from Fort Gibson. I started out about 6AM loaded with equipment and coal and had a pretty nice drive headed just about straight east of my place. The weatherman had reported that there was a pretty good chance of rain but it really didn't come out that way until I got to about Bennington and then the bottom fell out. From Bennington on in to Fort Towson I could hardly see to drive. I remember thinking that it was good that somebody was getting rain in August. I arrived at the fort and unloaded in the rain. We were set up under a big pavilion so we had plenty of room to work out of the rain. There were three forges set up: mine, Omar's and Mark Hammill's, a Saltfork member from Hugo.

Most of the Fort Towson Museum staff was there and, of course, Omar Reed who is on the staff at Fort Gibson was there. Since we were heavy with folks from the Oklahoma Historical Society, we decided to concentrate on historical stuff like hinges and nails. We knocked out a few hinges and several of the folks tried their hand at nail making. Some of the guys felt like they were trying to be "smarter than a fifth grader" as they discovered that the traditional "kid" job of nail making wasn't as easy as it looked.

We had a good meeting and the Fort Towson folks are definitely enthused about hosting more meetings so that we can hopefully create some more smithing interest in the SE corner of the state.



We need folks to help sell tickets. If you would like to help please call or email and I'll mail you some.
 David Seigrist, (call) 580-381-0085 , or (email) dseigrist2004@yahoo.com

SCABA TOOL BOX AND TOOLS for 2009

Tool/Item	Maker/Buyer	Cost/Value
Box	JC Banks	
Hardware for toolbox	Mike George	
Cross peen hammer	Clay Reamy	
Straight peen hammer	Clay Reamy	
Rounding hammer	Clay Reamy	
Tongs:		
1/4 v-bit	Clay Reamy	
3/8 v-bit	Clay Reamy	
1/2 v-bit	Clay Reamy	
3/4 v-bit		
1/4 flat	Clay Reamy	
3/8 flat	Clay Reamy	
1/2 flat	Clay Reamy	
3/4 flat		
Scrolling		
Side grip	Reamy	
Pick up tongs	Reamy	
Fire tools (Shovel, rake, poker)	Reamy shovel and poker	
Hot cut hardie		
Cold cut hardie		
Twisting wrench	Diana Davis	
Treadle/Hand Hammer Tooling	JC Banks	
Set of punches and holder		
Center punch		
Chisel, large		
Chisel, small		
Chisel, hot slit		
Slitting chisel		
Hold Down	Dan Cowart	
Flat wire brush w/handle		
File, flat bastard cut w/handle		
File, half round w/handle		
Set of monkey tools		
Rivet backing tool		
Rivet setting tool		
Hacksaw		
Bolster plate		
Square		
Dividers/Compass		
Scribe		
Bending forks		
Spring swage (necking down)		
Flux spoon	Jim Carothers	
Metal folding ruler 24" or 72"		
Soapstone	Diana Davis	
Ball tool (round blunt nose punch)		
Hook Ruler		
Iron Mountain Flux	Jim Carothers	
Finishing Wax + Borax	Diana Davis	
Nail Header	Dan Cowart	
Dual Caliper		
Total value to date:		

The toolbox inside dimensions are 25" long and 11" wide.

SCABA Workshops

Title:	Date:	Instructor:	Location:	Status:	Cost:
Repousse	6 – 9 Nov 4 day workshop	Mark and Mindy Gardner	Altus, OK	4 open seats	\$218
Power Hammer Use and Tooling	14 Nov 09	Richard Dyer	Tulsa, OK	3 open seats	\$ To be deter- mined

Power Hammer Use and Tooling:

Richard Dyer from his many years of experience as a professional blacksmith will show us some of the tooling and techniques he uses in commercial production of forged items with the use of a Little Giant power hammer.

Repousse/Chasing Workshop – Only 4 seats left.

We are up to 8 folks enrolled in the class so far, that means the price is down to \$218! The class will be held in Altus, OK from 6 – 9 November, that’s a Friday thru Monday. If 12 signup, the cost would be about \$145 per person, plus meals and lodging.

The first day will be tool making and the next three are repousse work. Mark will be bringing special treadle hammers that are very helpful with this kind of work. The treadle hammers will be for sale at \$1,350 each after the workshop. Buying a treadle hammer isn’t required, he brings them for the students and if you want to purchase one he’ll sell it. Their website is www.floodplainforge.com.

The more students we have the less it costs:

9	\$195	10	\$175
11	\$160	12	\$145

Plus your meals and lodging

To sign up for any of these workshops call or email and then send a check to me.

David Seigrist
P.O. Box 163
Hollis, OK 73550
(580) 381-0085 dseigrist2004@yahoo.com

SCABA Conference 2009 Women's Class: (Saturday @ 2:00p.m.)

Carols' Go Green Bag

Class instructors Carol Cable (405)793-9626, ccable@sbcglobal.net and Carol Donor (405) 329-5635 carol-donor@hotmail.com

No more plastic bags! You will make a re-usable cloth bag that you can always have with you because it will fit in your purse. We will furnish the fabric and denim pocket cover with "Saltfork Craftsman" and anvil embroidered on it. If you have basic sewing supplies : such as scissors, pins, cutting mat, rotary cutter, seam ripper, point turner , ruler, and chalk marker, bring them. If you prefer to sew on your own sewing machine, bring it too. Beginners welcome! Fee \$12.00



NORTH EAST REGIONAL MEETING DATES

January 10, 2009
Host: Gary Gloden

February 14, 2009
Host: Bill Kendall

March 14, 2009
Host: Dan Cowart

April 11, 2009
Host: Open Easter Weekend
Phone #:

May 16, 2009
Host: *State meeting*
Phone #:

June 13, 2009
Host:
Phone #:
Trade item:

July 11, 2009
Host: Mike Sweany
Phone #:

August 8, 2009
Host: Omar Reed at Fort Gibson
Phone#
Will be working on hinges

Sept. 12, 2009
Host: Dan Cowart (Pawhuska Blacksmith shop)
Phone #:
Trade item something Indian, (feather, leaf, etc.)

October 17-18, 2009
SCABA Conference

November 14, 2009
Host: Dwayne Moss
Phone #:
Trade item

December 12, 2009
Host: Charlie McGee
Phone #:

NORTH WEST REGIONAL MEETING DATES

January 24, 2009
Host:

February 28, 2009
Host: Ron Lehenbauer

March 28, 2009
Host: Bob Kennemar
Phone #:

April 25, 2009
Host: Mike George
Phone #:

May 16, 2009
Host: State meeting –No regional meetings
Phone #:

June 27, 2009
Host:
Phone #:

July 25, 2009
Host:
Phone #:

August 22, 2009
Host:
Phone #:

Sept. 26, 2009
Host: Gary Seigrist (Elk city)
Phone #:

October 17-18, 2009
SCABA Conference

November 28, 2009
Host: Mandell Greteman
Phone #: 580-515-1292

December 26, 2009
Host:
Phone #:

SOUTH CENTRAL REGIONAL MEETING DATES

January 17, 2009

Host: JC Banks

Phone #

February 21, 2009

Host: Gerald Franklin

Phone #:

March 21, 2009

Host: Terry Jenkins

Phone #

April 18, 2009

Host: Bob Kennemar

Phone #

May 16, 2009

Host: State picnic at Norman

No regional meetings

June 20, 2009

Host: Anelia Hadick

Phone #: 1-405-406-3705

July 18, 2009

Host: Max Scrudder

Phone #: 1-405-226-9951

August 15, 2009

Host: Richard Simpson

Phone #: 1-405-344-7413

Sept. 19, 2009

Host: Dorvan Ivy (Elk City Museum)

Phone #: 1-580-473-2761

October 17-18, 2009

Host: : SCABA Conference Perry, Okla.

November 21, 2009

Host: Bill and Diana Davis

Phone #: 580-549-6824

December 19, 2009

Host: Anelia Hadick

Phone #: 1-405-406-3705

SOUTH EAST REGIONAL MEETING DATES

January 3, 2009

Host: Howard Bost

Phone #:1-903-785-0864

February 7, 2009

Host: Howard Bost

Phone #: 1-903-785-0864

March 7, 2009

Host: James Allcorn

Phone #:

April 4, 2009

Host: Howard Bost

Phone #: 1-903-785-0864

May 16, 2009

Host: State meeting in Norman Ok

June 6, 2009

Host: Mark Hammell

Phone #:

July 4, 2009

Host:

Phone #:

August 1, 2009

Host: Omar Reed at Fort Towsan historical site

Phone #:

Sept. 5, 2009

Host: open

Phone

October 3 2009

Host: SCABA Conference Perry , Okla

Phone #:

November 7, 2009

Host: open

Phone #:

December 5, 2009

Host: open

Phone #

13th Annual Saltfork Craftsmen Blacksmithing Conference

Registration

October 17 & 18, 2009

PLEASE PRINT CLEARLY

NAME: _____ SPOUSE NAME: _____

ADDRESS: _____

PHONE: _____

E-Mail: _____

Conference Registration Fee (One per family). Membership required for attendance. Charge for non-members is \$10 for membership until March 31, 2010.			
	Number	Cost Each	Total
Saturday & Sunday (per family)		\$55.00	
Saturday only (per family)		\$35.00	
Sunday only (per family)		\$35.00	
Membership until 3-31-08 for Non-Members		\$10.00	
Meals			
Saturday Lunch (per person)		\$6.50	
Saturday Supper (per person)		\$11.00	
Sunday Lunch (per person)		\$7.50	
Family Classes on Saturday - Limit of 10 students per session			
9:00 AM-Stained Glass (butterfly suncatcher)- Diana Davis		\$10.00	
10:00 AM-Silver wire ring, wire & beads supplied - Teresa Gabrish		\$10.00	
2:00 PM-Sewing Class(cloth shopping bag) Supplies Provided-Carol Donor&Carol Cable		\$10.00	
3:00 PM-Silver wire work (pendant) - Teresa Gabrish		\$15.00	
Total Payment Enclosed			

Only one Registration Fee required per family. (All meals and all material costs for Family Classes must be paid). Saltfork Craftsmen T-shirts will be available at the conference for \$15.00.

Payment Method (Check one): Check Money Order
 Make checks payable to **Saltfork Craftsmen ABA**.

Mail this form with full payment to: Tammy Cowart
 9911 N. 1117 E. Ave.
 Tulsa, OK 74055

All adults attending the conference must sign this Disclaimer. Parent or legal guardian must sign for minor children.

Disclaimer: I understand that blacksmithing can be a dangerous endeavor. I understand that my safety is my responsibility. I understand the need for eye and ear protection; I will provide and utilize the necessary safety equipment for all activities. The Saltfork Craftsmen ABA, its officers and members are not responsible for my well-being. Registration for the Conference indicates my agreement to these terms.

Signed: _____

Date: _____

Signed: _____

Date: _____

Signed: _____

Date: _____

This side left blank on purpose.
That way you have no excuse for not tearing it out and sending in your
conference registration.

Special note concerning hotel availability.

Regency Inn (Formerly Days Inn)

There are room available for Friday Oct 16, Saturday Oct 17

Call: Sam or Sandy at 580-478-6130 (cell)

Super 8

2 smoking rooms only

Holiday Inn Express (Booked up)

American Inn & suites

Didn't answer phone

Important information for those planning to demonstrate at the State Fair of Oklahoma at Oklahoma city.

Dates: Sept 17 (Thursday)-September 27th (Sunday)

Check schedule for times..

Parking: Individuals that have signed up to demonstrate will be given parking and gate passes. There is a private parking area (for fair workers/demonstrators) located at gate 2. The gate entrance closest to the Blacksmithing demo site (gate 2) is only a short walk and you will be able to bring in your personal tools or metal. You will be able to use a handcart or wagon to do this if needed. **DO NOT** attempt to bring in ice chest, food or drinks. They will not be allowed in. There will be a supply of water/cokes etc inside the trailer and a ice chest at the forges. These items can be transferred to the ice chest by means of a sack (found in the trailer). Only bring in food or drinks between the hours of 8-9AM and do so discreetly. All drinks should be coke products only. Coke has the contract to provide all beverages during the fair. You will need to make sure your empties are placed in a trash container each evening before leaving.

The best route is to come up May Ave. from the South to the Gate 2 entrance. You may have to tell the parking personnel that you are going to the *private parking area* because if the public and paid parking areas get full they may try to turn you away. Fair officials recommend that during peak attendance times (opening day, school tour days etc) to allow at least 1-hour to get to your demo locations from the time you get on May Ave.

Dress: This is a frontier experience area. Everyone will be in early western attire. We need to be dressed as close to that as possible. Please NO T-Shirts, Ball Caps or Tennis Shoes. Blue jeans/overalls, button up shirt or pull over mountain man style shirt will work. If you need a hat, a cowboy hat would be best. If any lady blacksmiths plan to forge or acts as spokes persons, please go ahead and dress accordingly. Long skirt, blouse, leather shoes etc. We will have a open sided building and large trees so there should be plenty of shade in the afternoon. They are also installing split rail fencing to keep the public at least 6ft away.

Sales: SCABA has been given permission to sell our forged items. Period items would be best but not limited to them) Remember that we need to collect sales tax so price your items to include the tax. The taxes can be sent in using the standard sales tax form only mark occasional sales in the place for the tax permit number. This is only good if you sale at only one or two events during a year.

Forging site: If you are familiar with the fair ground you know where the Arch is located. The Centennial fair Experience is located just North of the arch. It is also just west of the main fair administrations buildings. These building are used as the staging locations for police, fire and ambulance during the fair. The Blacksmith locations is inside the gateway between the chuck wagon and the T-Pees. (check out maps on following pages) The forges, anvils etc will be safe each night but the hand tools and forged items will need to be carried back and locked up in

Oklahoma State Fair Demo Schedule

Thur. Sept. 17	1:00-6:30	Mark Carter (405)964-5754 Gerald Franklin (580)467-8667 Jim Carothers (580)336-9213
Fri. Sept. 18	1:00-6:30	Brahk Hadick (405)406-3705 Tony Cable (405)793-9626 Terry Jenkins (405)485-2394
Sat. Sept. 19	11:30-6:30	Brahk Hadick Kent Hadick Tony Cable
Sun. Sept. 20	11:30-6:30	Brahk Hadick Tony Cable Jim Carothers
Mon. Sept. 21(School tour)	9:00-6:30	Kent Hadick Mandell Greteman (580)515-1292 Ron Lehenbauer Don Garner
Tue. Sept. 22 (School tour)	9:00-6:30	Mark Carter Gerald Franklin Ron Lehenbauer Gary Martin
Wed. Sept. 23	1:00-6:30	David Seigris (580)688-3555 Doug Bliss (405)997-5436 Linda Bliss
Thur. Sept. 24 (School tour)	9:00-6:30	David Seigris Gary Martin (405)359-8342 Mike George
Fri. Sept. 25 (School tour)	9:00-6:30	Brahk Hadick David Seigris Mike George
Sat. Sept. 26	11:30-6:30	Brahk Hadick Kent Hadick Mark Carter
Sun. Sept. 27	11:30-6:30	Brahk Hadick Kent Hadick Terry Jenkins

If you wish to help out contact Diana Davis or Anelia Hadick. We could use all the help we can get for this. This is our first year to attempt a public demo of this length.(10 days in a row)

TECHNICAL SKETCHING . . . IN PERSPECTIVE

Tips and Techniques

I have often asked myself "Why can't I draw this object as it really looks"? This is a natural question when struggling to make a two dimensional representation of a three dimensional object. We think in terms of, and see our surrounding environment, in three dimensions. Making a successful two dimensional representation of a three dimensional subject is a significant intellectual achievement. In fact the concept is so foreign to our normal thought process that it was not achieved until the Renaissance.

Perspective drawing is the key to this dilemma. The principles of perspective drawing are simple but, if applied with rigid standards of accuracy, the application may become incredibly complex. Forget about applications which require painstaking plotting of hundreds of reference points to accurately construct a single drawing. What we want is to develop our skill at sketching, or free-hand drawing, using the principles of perspective drawing.

For the purpose of design sketching we don't have to concern ourselves with precisely computed and plotted drawings. We apply the basic principles of perspective and let eye and brain collaborate to determine the form and accuracy of the drawing as our hand, the plotter, prints out the data. The analogy of a computer is not an inaccurate one. When we learn the principles of free hand sketching we are, in reality, programming ourselves much as

we might program a computer. It is really quite simple. The more effectively we program ourselves the more accurate the resulting drawing.

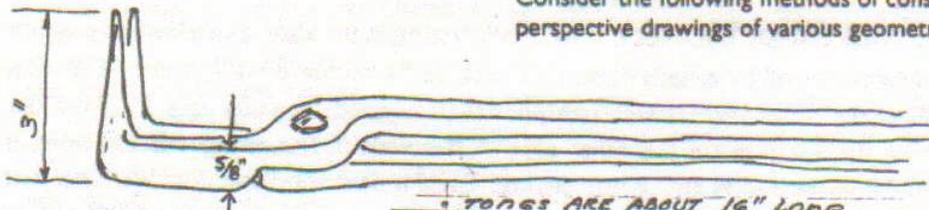
Once the basic principles are mastered, freehand sketches can be used as a part of the design process to refine, record, communicate, and document ideas. Freehand sketches are especially useful as a means of communication with others. **A picture is worth a thousand words.**

Just remember this: We are not on an ego trip so don't let yours be threatened by the pace of perfecting your technique. Man didn't understand the principles of perspective until less than five hundred years ago. By learning now you are on the historical leading edge. If it took the rest of us maybe five hundred thousand years to catch on to this, you shouldn't feel badly if it takes you a year or so.

OK so here goes:

Perspective drawing is a means of giving a two dimensional drawing the appearance of depth, distance, and volume. In other words to be a more accurate representation of how we see things in the real world. There are several types of perspective drawings.

Our principal interest lies with the two point perspective drawing. The following page describes how to construct a two point perspective. The objects which we draw most often are composites of geometric volumes. As result rectilinear volumes are the foundations of our perspective sketch layout technique. Consider the following methods of constructing perspective drawings of various geometric volumes:

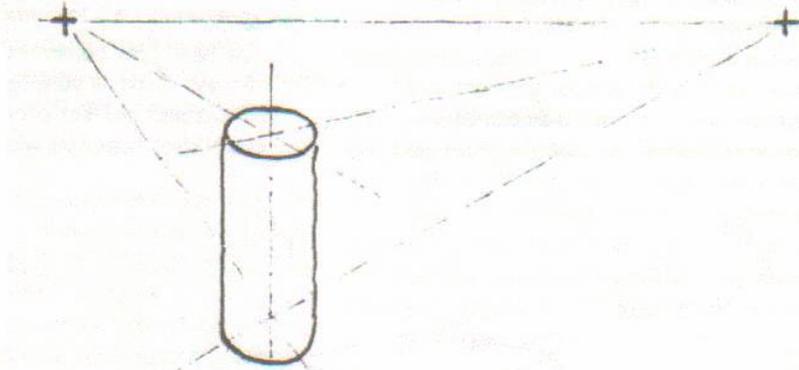


- TONGS ARE ABOUT 16" LONG
- USE 5/8" OR 3/4" SQ. STOCK TO FORGE
- USE IN PAIRS

WILLIAMSBURG BENDING TONGS

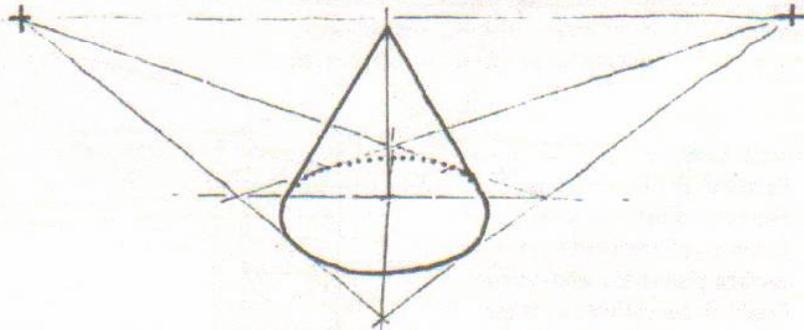
Alternate construction for a cylinder:

- Establish the horizon line and two vanishing points.
- Establish the cylinder centerline.
- Project rays from VPL and VPR through the centerline to establish the top and bottom planes.
- Mark visually equal points from centerline onto the projected rays.
- Draw a circular plane at the top and bottom of the volume.
- Complete the outline.



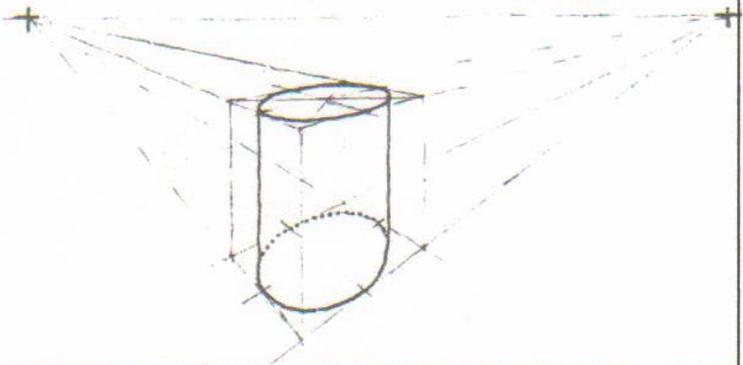
Construct a Cone

- Establish the horizon line and two vanishing points.
- Establish the bottom plane of the cone base. Draw as a square plane.
- Establish the center of the plane by drawing the diagonals.
- Inscribe a circle in the base plane.
- Establish the centerline of the cone. This is a vertical line from the center of the base plane to the vertex of the cone.
- Complete the outline.



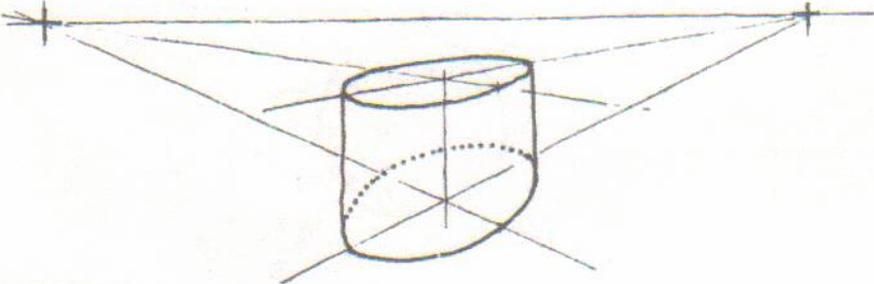
Construct an Ellipsoidal Volume

- Establish the horizon line and two vanishing points.
- Draw a volume with rectangular surface planes top and bottom
- Establish centerlines of these planes by drawing diagonals.
- Inscribe an ellipse on these planes.
- Complete the outline.



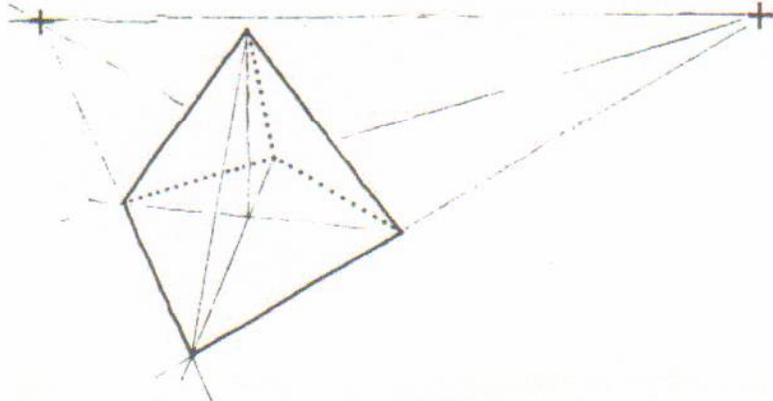
OR

- Establish the horizon line and two vanishing points.
- Establish the ellipse centerline.
- Project rays from VPL and VPR through the centerline to establish the top and bottom plane.
- Mark visually equal points from centerline onto the projected rays on one axis.
- Mark visually equal points from centerline onto the projected rays on the other axis. These will be longer or shorter than the first set.
- Draw an ellipsoidal plane at the top and bottom of the volume.
- Complete the out



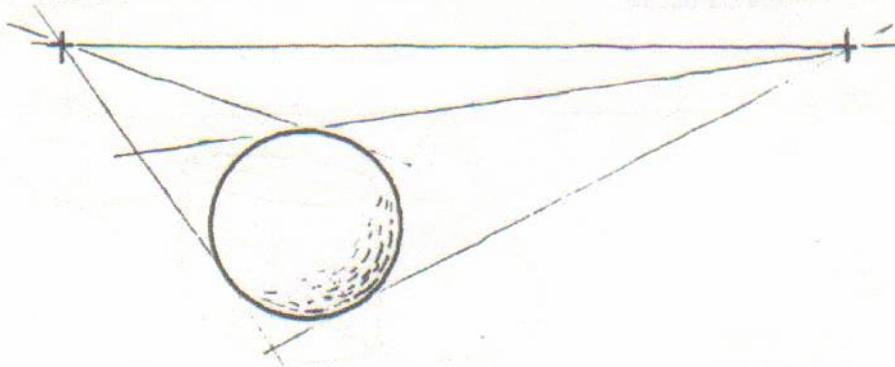
Construct a Pyramid

- Establish the horizon line and two vanishing points.
- Establish the bottom plane of the pyramid base. Draw as a square or triangular plane.
- Establish the center of the plane by drawing the diagonals of the square base plane, or from the vertices of a triangular base to the center of the opposite sides.
- Establish the centerline of the pyramid. This is a vertical line from the center of the base plane to the vertex.
- Complete the outline.



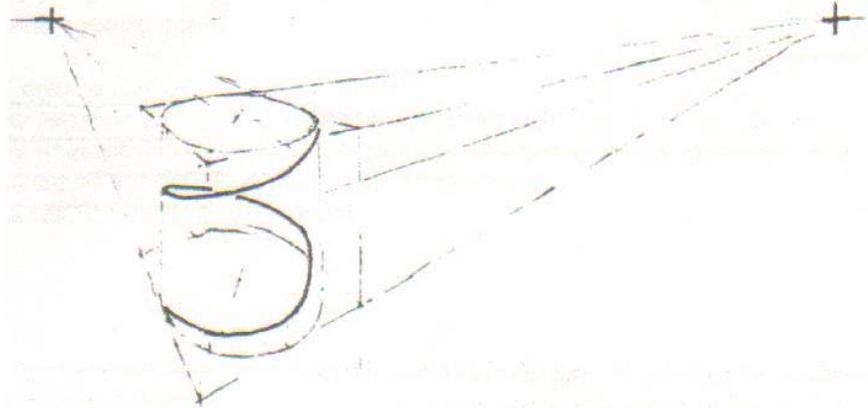
Construct a Sphere

- Draw a circle. (A sphere always presents a circular outline)
- Render volume by shading the surface. (see "Surface Development" below)



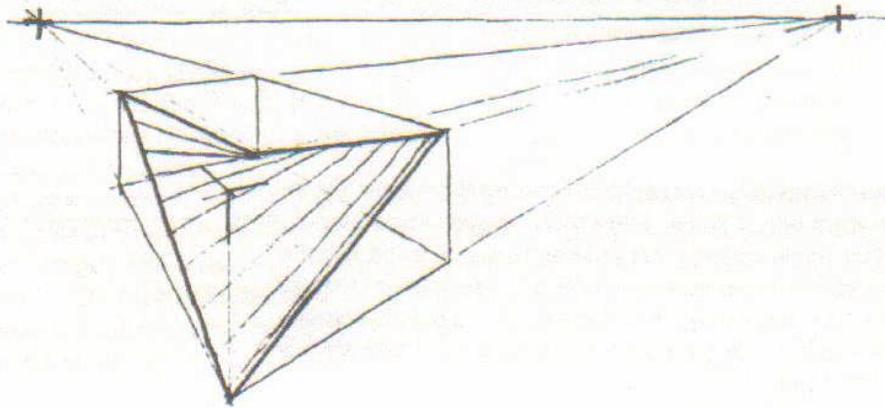
Construct a Spiral

- Construct a cylinder as described above.
- Divide the surface of the cylinder at regular angular increments.
- Ghost vertical lines on the surface of the cylinder at these intervals.
- Inscribe spiral on the surface of the cylinder using these lines to judge the proper rate of rise of the spiral line.



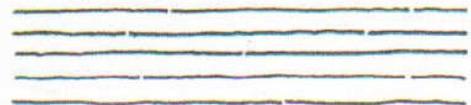
Warped and hyperbolic surfaces can also be approximated using these techniques.

- Establish the horizon line and two vanishing points.
- Establish a rectilinear volume.
- Establish diagonals on opposing (opposite) planes.!
- Connect the ends of these opposing diagonals with lines in the remaining end planes.
- Render surface generation with equidistant lines from edge to edge of the opposing diagonal lines.



Line work is an important part of drawing. Here are a few hints on how you can make your line work more compatible with the aesthetic standards imposed on you by that tyrant, your brain.

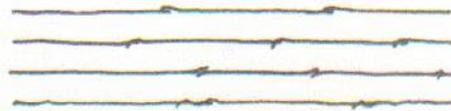
When drawing a long line draw that line with a series of shorter lines which are arranged end to end. Leave a small space between the ends of the line segments. The eye will read through these small gaps more easily than if the lines meet or overlap.



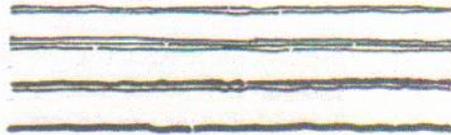
If the lines overlap the doubling of the line highlights their joining, a condition that we frequently wish to avoid.



If you want to call attention to that joining of lines overlap line ends. This can be done in numerous ways:



If you want to emphasize a line, either increase the line weight or render the lines as closely spaced parallel lines. This technique can be useful where an edge is not sharp and crisp.



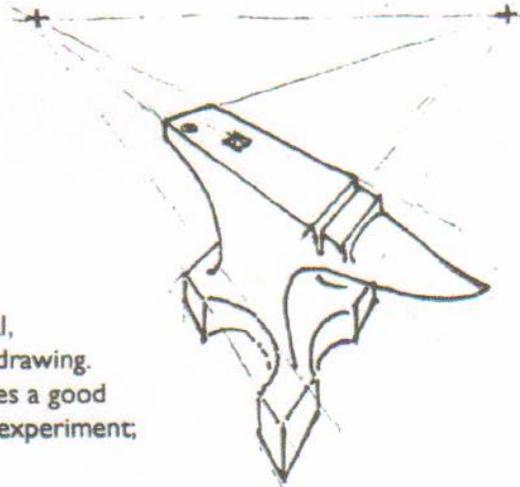
The double/multiple line technique can be used to render dings and imperfections in edges and surfaces.



When drawing lines forget about making them look like you drew them with a ruler. Make them wiggle. Visual straightness depends more on the average straightness of a line and the directness of its passage from one point to another than its local micro imperfections. Strangely, if you put a nervous little wiggle in a line it seems easier to draw it directly from point to point.



Lay out your drawing lightly with a soft pencil. After outlining the drawing I frequently overdraw with felt tip pen. When the ink dries, erase the pencil background. Voila! You have a ink line drawing. You may leave the pencil lines under the ink line as this frequently gives your drawing a rich texture and visual vitality.



Refinement of your drawing by retracing is OK. Use retracing when it benefits your process.

Use mixed media. Combine pencil, ink, markers, charcoal, ink wash or whatever materials are available in the same drawing. You will be surprised what will work. Strong coffee makes a good toner wash as do diluted ink and tea. Don't be afraid to experiment; these techniques will add richness to your drawings.

SURFACE DEVELOPMENT

Shade and shadow rendered on surfaces give objects a look of reality, and warmth. Webster gives the following definitions:

- Shade - Space or surface sheltered from a source of light
- Shadow - Shade cast upon a surface by something blocking light.

The geometric constructions of our sketches define mainly outline and form, however, without definition of surface, much of the third dimensional effect is lost. The application of the principles of shade and shadow provide the means to complete the rendering of volumes by defining the surfaces in a manner that our eye will accept as a credible representation.

When rendering shade and shadow onto a drawing, the location of the source of light is critically important. Since we humans stand upright we generally view smaller objects from above. Our preferred light source location is well above eye level. Unshaded light sources at eye level tend to blind us. Light sources from below do not directly illuminate the surfaces which we view. Consequently our preferred light source in real life is illumination from above and behind the viewing individual.

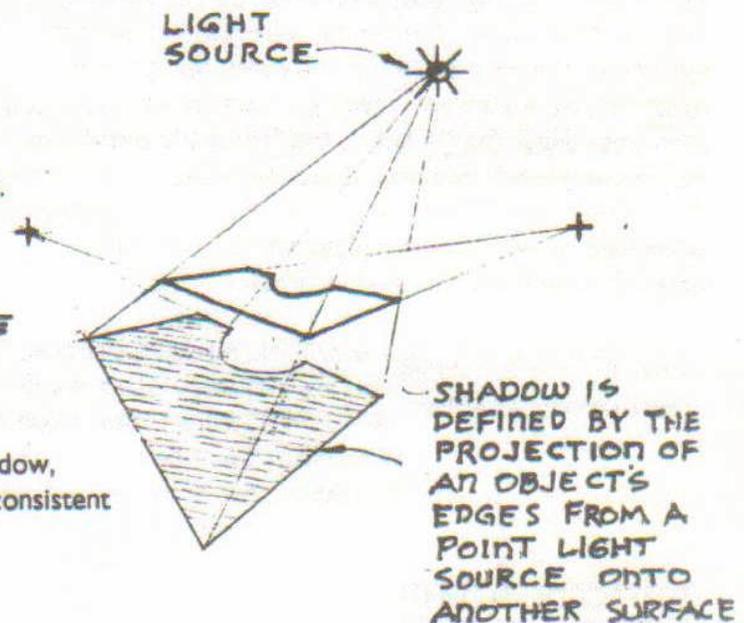
Having said this I must point out that the drawing is a world unto itself. The artist should select the light source location which achieves the desired effect for each drawing. Light source location is a basic tool which offers endless opportunity to render different surface effects by simply varying the location of the source of light casting shade and shadow. For this discussion our light source will be from above and behind. As the artist you may select any light source location you wish whether or not it would be practical in reality.

Follow these rules:

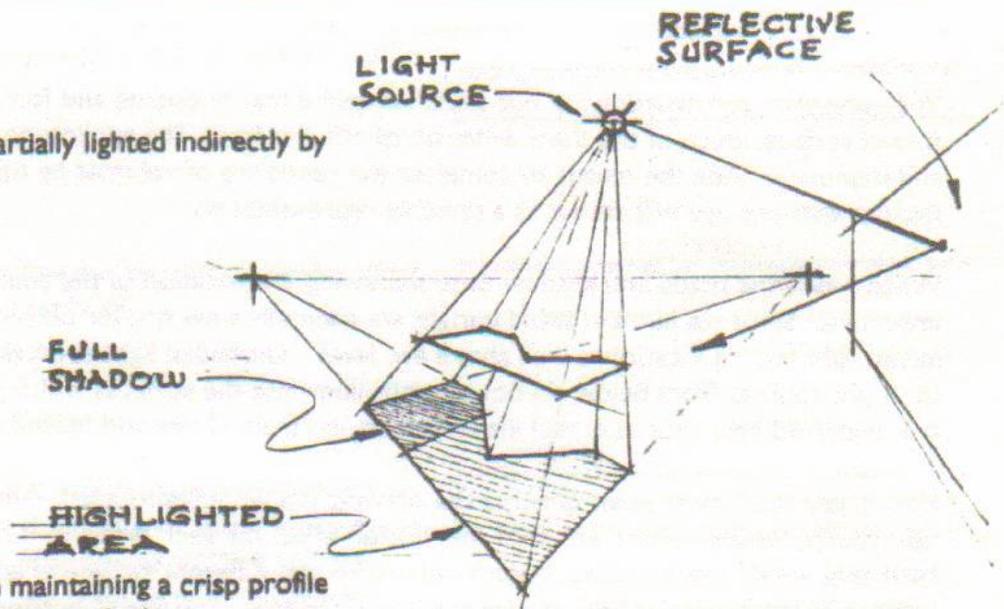
Shade and shadow are generated by the whole or partial blocking of a light source which casts light toward an object or surface.

THE BOTTOM OF THE OBJECT IS IN SHADE

In order to accurately render shade and shadow, the manner in which they are cast must be consistent with the direction of the source of light.



Objects in shadow may be partially lighted indirectly by reflected light.



This is particularly helpful in maintaining a crisp profile of the object being drawn in heavy shadow.

Use indirect light sources to highlight areas of a surface, to highlight edges, to highlight surfaces where a given source of light could not possibly otherwise shine.

- Dan Houston

IONS OF PEOPLE.

TIMETABLE OF IRON

From a book owned by Rob Fertner - "The Timetables of Technology"

- 4000 BC - Evidence of iron beads near Cairo, Egypt. The earliest direct evidence of human use of iron.
- 3500 BC - Egyptians mine and process iron, but used mostly for ornamental or ceremonial purposes.
- 3000 BC - Sumerians use pins made of iron or bone to hold clothes together.
- 2200 BC - The first nonornamental use of iron is a dagger blade found in a grave in Turkey. It appears to be more ceremonial than practical.
- 2000 BC - The bellows is invented
- 1600 BC - Bellows are used in the manufacturing of glass and in metallurgy.
- 1500 BC - Iron smelting begins a period of improvement, mainly in the Mitanni kingdom in Armenia.
- 1370 BC - Hittites conquer the Mitanni, learn of making usable iron (heating and hammering it).
- 1250 BC - Ironworkers are reported in Jaffa (Israel)
- 1200 BC - Iron is in common use in the Near East
- 1185 BC - Hittites are conquered by the Peoples of the Sea, Hittite iron working secrets spread further.
- 900 BC - Iron objects appear in Italy, Greece and Crete. Also Natural Gas from wells is used in China.
- 700 BC - Large scale iron manufacturing develops in Austria and Sudan.
- 500 BC - Steel is made in India. Ironworking is common throughout Germany and Scandinavia. Stonemason's and woodworker's tools are being made with iron.
- 450 BC - Ironworking industry develops in Britain.
- 300 BC - Chinese invent cast iron.
- 200 BC - Chinese develop a malleable form of cast iron.
- 30 AD - The water powered bellows for use in working cast iron is invented in China.
- 79 AD - Wire cable is in use, proven by a 15' long by 1" bronze cable found in the ruins of Pompeii.
- 100 AD - According to 2nd century Hellenic author Pausanias; "Theodorus of Samos is the first to pour or melt iron and make statues of it".
- 300 AD - The Chinese learn to use coal instead of wood as fuel in making cast iron. Bellows are in use in Europe to produce higher quality of iron; bellows had been producing cast iron in China for about 600 years and had been used in the Near East as early as 1600 BC.
- 400 AD - The Chinese make steel by forging together cast and wrought iron.
- 1200 to 1209 AD - The Catalan forge for smelting iron emerges in Catalonia Spain; using a column of falling water to push air into a mixture of iron ore and charcoal, the forge is now considered a predecessor to the blast furnace.
- 1340 to 1349 AD - The first blast furnace is developed in or around Liege, Belgium.
- 1380 to 1389 AD - Cast iron becomes generally available in Europe.



Saltfork Craftsmen

Artist-Blacksmith Association
Membership Application
April 2009 thru March 2010

Please accept my application

Date: _____

First Name _____ Last Name _____

Married? Yes No Spouses Name _____

Address _____

City _____ State _____ ZIP _____

Home Phone (____) _____ Work Phone (____) _____

E-Mail _____ ABANA Member? Yes No

I have enclosed \$20.00 for dues to March 30, 2010

Signed _____

Return to: Saltfork Craftsmen, 1227 Fourth St. Alva, Ok 73717



ABANA

Name: _____

Email: _____

Address: _____

www url: _____

City: _____

Phone: _____

State: _____ Zip: _____

Fax: _____

Country: _____

TYPE OF MEMBERSHIP:

CREDIT CARD INFORMATION:

NEW MEMBER RENEWAL

VISA Mastercard Expiration Date: _____

Regular - \$55.00 Contributing-\$100.00

Card Number: _____
Submit check, money order -U.S. Banks only, or by credit card:

Student- \$45.00 Library-\$45.00

Senior (65+) \$50.00 Foreign-\$65.00

ABANA Chapter Affiliation: _____

PO Box 3425
Knoxville, TN 37927-3425
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