



W.O.W. 2012 VOLUNTEERS-

THANK YOU, FOR YOUR TIME AND ENERGY
IN CREATING
A GREAT EVENT FOR OUR WEBELOS!!!

Special Thanks to
The Wallingford Recreation Center
for hosting our event!

WEBELOS OPPORTUNITY WORKSHOP 2012 STAFF

W.O.W. 2012 Coordinators

Donna Funk	Leader	Pack 8, Southington
Barbara Marek	Leader	Troop 4, Wallingford

Communicator

Nora McPherson	Leader	Pack 72, Wallingford
Sue Behrends	Leader	Pack 6, Wallingford
Yumi Kouta	Expert-Japanese	Pack 24/Troop 4, Wallingford
J. R.	Expert-American Sign Language	Meriden
Michael B.	Scout-American Sign Language	Troop 5, Wallingford

Scientist

Dave Rossi	Leader	Pack 8, Southington
Dave Seebauer	Leader	Pack 72, Wallingford
Krista Johnson	Expert	Research Scientist
Dr. Steve Watton	Expert	Prof. CCSU
Joe B.	Scout	Troop 45, Southington
Sam J.	Scout	Troop 32, Southington
Stephen Z.	Scout	Troop 4, Wallingford
Nicholas R.	Scout	Troop 4, Wallingford
Mark D.	Scout	Troop 32, Southington

Readyman

Patti Cargill	Leader/Expert	Pack 29, Meriden
Peter Leppones	Leader	Pack 19, Southington
EMT Sean Clooney	Expert/Eagle Scout	American Medical Response
Matthew M.	Scout	Troop 4, Wallingford
Tim E.	Scout	Troop 4, Wallingford
CJ M.	Scout	Troop 4, Wallingford



WEBELOS OPPORTUNITY WORKSHOP 2012 STAFF

ARTIST		
Cheryl Dommell	Leader	Pack 6, Southington
Michelle Speeg	Leader	Pack 6, Southington
Kelly Pope	Parent	Troop 5, Wallingford
Marissa Deschaine	Volunteer	Southington
Nancy Deschaine	Volunteer	Southington
Sagan S.	Scout	Troop 5, Wallingford

Craftsman		
Jason Myers	Leader	Pack 26, Wallingford
Brian Kaplan	Leader	Pack 26, Wallingford
Bob Hall	Leader	Pack 26, Wallingford
Mike Halasinski	Leader	Pack 8, Southington
Zachary B.	Scout	Troop 5, Wallingford

Engineer		
Steve Early	Leader	Troop 4, Wallingford
Nancy Yeager	Leader	Pack 810, North Haven
Rick Becker	Leader	Pack 6, Wallingford
Bob Roper	Leader	Pack 8, Southington
Art Dutra	Expert	Wallingford Elect.
Dominic S.	Scout	Troop 4, Wallingford
Kevin E.	Scout	Troop 4, Wallingford
Matthew C.	Scout	Troop 29 , Meriden
Michael B.	Scout	Troop 5, Wallingford

Forester		
Tom Guerin	Leader/Expert	Troop 52,
Rich Kiewlen	Leader	Troop 10/Troop 2
Kelly Pope	Parent	Troop 5, Wallingford
Daniel E.	Scout	Troop 32, Southington
Sagan S.	Scout	Troop 5, Wallingford



WEBELOS OPPORTUNITY WORKSHOP 2012 STAFF

Geologist		
Kelly Lacluyze	Leader	Pack 8, Southington
Gary Fuerstenberg	Leader	Pack 36, Wallingford
Paul Martell	Expert	Bristol Rock & Gem
Tim Fengler	Leader	Troop 800, Wallingford
Mike S.	Scout	Troop 32, Southington
Ken H.	Scout	Troop 32, Southington

Lunch		
Alex Marek	Marek spouse	Wallingford
Nancy Deschaine	Volunteer	Southington

Display/Lunch order taking/ lunch delivery		
Ben J.	Scout	Troop 32 , Southington
Sean W.	Scout	Troop 32 , Southington
Steve M.	Scout	Troop 32 , Southington

Floating		
Roger Poggio	Leader	Troop 43, Meriden
Vince Sumpter	Leader	Troop 32, Southington
Dan Greer	Leader	Troop 32, Southington
Nicholas M.	former scout	Wallingford
Damien P.	Scout	Troop 45, Southington
Derek H.	Scout	Troop 32, Southington
Alex T.	Scout	Troop 32, Southington



WEBELOS OPPORTUNITY WORKSHOP 2012: SUMMARY

Award	Award Completed/Partial	What's Needed To Complete Award	Notes
Artist	Completed		Colleges, portraits, clay!
Art Belt Loop	Completed		Only 5 more requirements for the Art Pin .
Communicator	Completed		Japanese & American Sign Language Guests!
Computers Belt Loop	Completed		Only 5 more requirements to get the Computer Pin - all based on <u>using</u> a computer!
Communications Belt Loop	Completed		Only 5 more requirements to earn the Communications Pin -easy to do.
Craftsman	PARTIAL	#2-1 more wooden object #3-stand or box #4-2 more "useful" objects	Made a wooden tool box, Stamped leather wristband & Stamped leather neckerchief slide.
Engineer	Completed		Catapults, circuits, blueprints!
Forester	Completed		DEEP speaker!
Geologist	Completed		Rock collection!
Geology Pin	Completed		
Readyman	Completed		CPR practice & an ambulance. Cool/useful handouts!
Scientist	Completed		Egg in a bottle, alka seltzer rockets!
Science Belt Loop	Completed		Only 5 more requirements for Science Pin . Also check out the Weather & Astronomy Belt Loop & Pins .



Instructors:
Cheryl Dommell, Pack 6, Wallingford
Michelle Speeg, Pack 6, Wallingford
Kelly Pope, Troop 5, Wallingford
Marissa Deschaine & Nancy Deschaine

ARTIST-COMPLETED AT W.O.W. 2012

Do These:

- 1. Talk to an artist in your area or to your art teacher about the different occupations in the art field. Make a list of them.
- 2. Create a scrapbook (portfolio) of your Artist activity badge projects and show it to your den leader.

Do Five of These:

- 3. Draw or paint an original picture out-of-doors, using the art materials you prefer. Frame the picture for your room or home.
- 4. List the primary and secondary colors. Explain what happens when you combine colors.
- 5. Using a computer, make six original designs using straight lines, curved lines, or both.
- 6. Draw a profile of a member of your family.
- 7. Use clay to sculpt a simple object.
- 8. Make a mobile, using your choice of materials.
- 9. Make an art construction, using your choice of materials.
- 10. Create a collage that expresses something about you.
- 11. While you are a Webelos Scout, earn the Cub Scout Academics belt loop for **Art**.

Art Belt Loop/Pin- BELT LOOP COMPLETED AT W.O.W. 2012

Belt Loop:

- 1. Make a list of common materials used to create visual art compositions.
- 2. Demonstrate how six of the following elements of design are used in a drawing: lines, circles, dots, shapes, colors, patterns, textures, space, balance, or perspective.
- 3. Identify the three primary colors and the three secondary colors that can be made by mixing them. Show how this is done using paints or markers. Use the primary and secondary colors to create a painting



Pin: Earn the Art belt loop and complete six of the following requirements:

- 1. Visit an art museum, gallery, or exhibit. Discuss with an adult the art you saw.
- 2. Create two self-portraits using two different art techniques, such as drawing, painting, printmaking, sculpture, or computer illustration.
- 3. Demonstrate how to make paper. Make a sample at least 4 inches by 4 inches.
- 4. Make a simple silkscreen or stencil. Print a card or T-shirt.
- 5. Create a freestanding sculpture or mobile using wood, metal, soap, papier-mâché, or found objects.
- 6. Create an object using clay that can be fired, baked in the oven, or hardened in water.
- 7. Photograph four subjects in one theme, such as landscapes, people, animals, sports, or buildings.
- 8. Make a collage using several different materials.
- 9. Use your artistic skills to create a postage stamp, book cover, or music CD cover.
- 10. Use a computer illustration or painting program to create a work of art.
- 11. Display your artwork in a pack, school, or community art show.



Instructors:

Jason Myers: Pack 26, Wallingford
Brian Kaplan, Pack 26, Wallingford
Bob Hall, Pack 26, Wallingford
Mike Halasinski, Pack 8, Wallingford

CRAFTSMAN-PARTIALLY COMPLETED AT W.O.W. 2012
Need 1 more object for #2, #3 and 2 more objects for #4.

Do these:

- X 1. Explain how to safely handle the tools that you will use for this activity badge.
- Partial 2. With adult supervision and using hand tools, construct two different wooden objects you and your Webelos den leader agree on. Use a coping saw or jigsaw for these projects. Put them together with glue, nails or screws. Paint or stain them.
BUILT A WOODEN TOOLBOX WITH ROPE WRAPPED HANDLE AND LEATHER STAMPED NAME TAG.
- _____ 3. Make a display stand or box to be used to display a model or an award. Or make a frame for a photo or painting.
- Partial 4. Make four useful items using materials other than wood that you and your Webelos den leader agree on, such as clay, plastic, leather, metal, paper, rubber or rope. These should be challenging items and must involve several operations.
MADE LEATHER STAMPED WRIST BAND & LEATHER STAMP NECKERCHIEF SLIDE.



Instructors
Nora McPherson, Pack 72, Southington
Sue Behrends, Pack 6, Wallingford

Communicator- **COMPLETED AT W.O.W. 2012**

Do seven of these

1. Play the Body Language Game with your den.
2. Prepare and give a three-minute talk to your den on a subject of your choice.
3. Invent a sign language or a picture writing language and use it to tell someone a story.
4. Identify and discuss with your den as many different methods of communication as you can (at least six different methods).
5. Invent your own den secret code and send one of your den members a secret message.
6. With your den or your family, visit a library and talk to a librarian. Learn how books are catalogued to make them easy to find. Sign up for a library card, if you don't already have one.
7. Visit the newsroom of a newspaper or a radio or television station and find out how they receive information.
8. Write an article about a den activity for your pack newsletter or web site, your local newspaper, or your school newsletter, newspaper, or Web site.
9. Invite a person with a visual, speaking, or hearing impairment to visit your den. Ask about the special ways he or she communicates. Discover how well you can communicate with him or her.
10. With your parent or guardian, or your Webelos den leader, invite a person who speaks another language (such as Spanish, French, Arabic, Hebrew, etc.) as well as English to visit your den. Ask questions about the other language (its background, where it is spoken, etc.), discuss words in that language that den members are already familiar with, or ask about ways to learn another language.
11. Use a personal computer to write a letter to a friend or relative. Create your letter, check it for grammar and spelling, and save it to a disk. Print it.
12. Search the Internet and connect to five Web sites that interest you.
13. Under the supervision of a parent or other trusted adult, exchange e-mail with a friend or relative.
14. While you are a Webelos Scout, earn the Academics **belt loop for Computers**.
15. While you are a Webelos Scout, earn the Academics **belt loop for Communicating**.
16. Find out about jobs in communications. Tell your den what you learn.



Computers Belt Loop/Pin- BELT LOOP COMPLETED AT W.O.W. 2012

Belt Loop:

- 1. Explain the parts of a personal computer: central processing unit (CPU), monitor, keyboard, mouse, modem, and printer.
- 2. Demonstrate how to start up and shut down a personal computer properly.
- 3. Use your computer to prepare and print a document.

Pin-Earn the Computers belt loop and complete five of the following requirements:

- 1. Use a computer to prepare a report on a subject of interest to you. Share it with your den.
- 2. Make a list of 20 devices that can be found in the home that use a computer chip to function.
- 3. Use a computer to maintain a balance sheet of your earnings for four weeks.
- 4. Use a spreadsheet program to organize some information.
- 5. Use an illustration, drawing, or painting program to create a picture.
- 6. Use a computer to write a thank-you letter to someone.
- 7. Log on to the Internet. Visit the Boy Scouts of America homepage (<http://www.scouting.org>).
- 8. Discuss with an adult personal safety rules you should use while using the Internet.
- 9. Practice a new computer game for two weeks. Demonstrate an improvement in your scores.
- 10. Correspond with a friend using e-mail. Have at least five e-mail replies from your friend.
- 11. Visit a local business or government agency that uses a large mainframe computer to handle their business.
- 12. Be able to explain how computers save them time and money in carrying out their work.



Communications Belt Loop/Pin- BELT LOOP COMPLETED AT W.O.W. 2012

Belt Loop:

- 1. Tell a story or relate an incident to a group of people, such as your family, den, or members of your class.
- 2. Write a letter to a friend or relative.
- 3. Make a poster about something that interests you. Explain the poster to your den.

Pin-Earn the Communicating belt loop and complete five of the following requirements:

- 1. Write an original poem or story.
- 2. Keep a journal of daily activities for at least seven days.
- 3. Listen to a news story on television or the radio. Discuss the information with an adult.
- 4. Go to the library. Use the card catalog or computer reference system to find a book, and then check it out.
- 5. Read a book that has been approved by your parent or teacher. Discuss the book with an adult.
- 6. With a friend, develop a skit. Perform it at a Scout meeting, family meeting, or school event.
- 7. Learn the alphabet in sign language and demonstrate it to your den or an adult family member by showing how to sign 10 words
- 8. With an adult, use the Internet to search for information on a topic of interest to you.
- 9. Watch three television commercials and discuss the information in them with your parent or den leader.
- 10. Read the directions for a new game. Explain to a family member or friend how to play it.
- 11. Learn about "reading" materials for people who have poor vision or who are blind. Tell your den or an adult family member about what you have learned.
- 12. While traveling, make a list of road signs, animals, or license plates that you see. Tell your den or an adult family member about what you have learned.



INSTRUCTORS:

RICK BECKER, Pack 6, Wallingford
BOB ROPER, Pack 8 Southington
NANCY YEAGER, Pack 810 North Haven,
STEVE EARLY, Troop 4 Wallingford
ART DUTRA, Wallingford Electric Company

Engineer- **COMPLETED @ W.O.W 2012**

Do **Both** of These:

1. Talk to an engineer, surveyor, or architect in your area about the different occupations in engineering.
Create a list that tells what they do
2. Draw a floor plan of your house. Include doors, windows, and stairways.

And Do **Four** of These:

3. Visit a construction job. Look at a set of plans used to build the facility or product.
Tell your Webelos den leader about these. (Get permission before you visit.)
4. Visit a civil engineer or surveyor to learn how to measure the length of a property line.
Explain how property lines are determined.
5. Tell about how electricity is generated and then gets to your home.
6. Construct a simple working electrical circuit using a flashlight battery, a switch, and a light.
7. Make drawings of three kinds of bridges and explain their differences. Construct a model bridge of your choice.
8. Make a simple crane using a block and tackle and explain how the block and tackle is used in everyday life.
9. Build a catapult and show how it works.
10. While you are a Webelos Scout, earn the Cub Scout Academics belt loop for **Mathematics**.



Instructors:
Tom Guerin, Troop 52
Rich Kiewlen, Troops 10 & 2

FORESTER-COMPLETED AT W.O.W. 2012

Do five of these:

1. Make a map of the United State. Show the types of forests growing in different parts of the country.
Name some kinds of tress that grow in these forests.
2. Draw a picture to show the plant and tree layers of a forest in your area. Label the different layers.
3. Identify six forest trees common to the area where you live. Tell how both wildlife and humans use them.
4. Identify six forest plants (other than trees) that are useful to wildlife. Tell which animals use them and for what p
purpose.
5. Draw a picture showing
How water and minerals in the soil help a tree grow
How the tree uses sunlight to help it grow
6. Make a poster showing a tree's growth rings or examine the growth rings of a tree stump.
Explain how the rings tell its life history.
7. Collect pieces of three kinds of wood used for building houses.
Tell what kinds of wood they are and one place each of them might be used.
8. Plant 20 forest tree seedlings. Tell how you planted them and what you did to take care of them after planting.
9. Describe both the benefits and the harm wildfires can cause in a forest ecosystem.
Tell how you can prevent wildfire.
10. Draw your own urban forestry plan for adding trees to a street, yard or park near your home.
Show what types of trees you would like to see planted.



Instructors
Kelly LaLuyze, Pack 8 Southington
Tim Fengler, Troop 800, Wallingford
Paul Martell, Bristol Rock & Gem Club
Gary Fuerstenberg, Pack 36, Wallingford

GEOLOGIST-COMPLETED AT W.O.W. 2012

Do five of these

- 1. Collect five geologic specimens that have important uses
- 2. Rocks and minerals are used in metals, glass, jewelry, road-building products, and fertilizer.
Give examples of minerals used in these products.
- 3. Make a scale of mineral hardness for objects found at home. Show how to use the scale by finding the relative hardness of three samples.
- 4. List some of the geologic materials used in building your home.
- 5. Make a drawing that shows the cause of a volcano, a geyser, or an earthquake.
- 6. Explain one way in which mountains are formed.
- 7. Describe what a fossil is. How is it used to tell how old a formation is? Find two examples of fossils in your area.
- 8. Take a field trip to a geological site, geological laboratory, or rock show. Discuss what you learned at your next Webelos Den meeting.
- 9. While you are a Webelos Scout, earn the Cub Scout Academics belt loop for **Geology**.



Geology Belt Loop/Pin- BELT LOOP & PIN COMPLETED AT W.O.W. 2012

Belt Loop:

- 1. Explain to your den or an adult family member what *geology* means.
- 2. Collect samples of igneous, sedimentary, and metamorphic rocks. Explain how each was formed.
- 3. Collect samples of three minerals. Explain to your family or den what a mineral is and show and tell about the Minerals you collected.

Pin-Earn the Geology belt loop and complete five of the following requirements:

- 1. Make a special collection of rocks and minerals that illustrates the hardness scale.
- 2. Give examples of sedimentary, igneous, and metamorphic rocks.
- 3. Gather several different types of rocks. Compare them and put them in groups according to physical properties such as color, texture, luster, hardness, or crystals.
- 4. Describe the effects of wind, water, and ice on the landscape.
- 5. Make "pet rocks" using rocks, paint, and glue-on eyes. Tell a creative story about your pet rocks.
- 6. Draw a diagram showing different types of volcanoes or draw a diagram that labels the different parts of a volcano.
- 7. Make a poster or display showing 10 everyday products that contain or use rocks or minerals.
- 8. With your parent or adult partner, visit with a geologist. Find out how he or she prepared for the position.
Discuss other careers related to geology.
- 9. Draw the inside of a cave showing the difference between stalactites and stalagmites.



Instructors:
PATTI CARGILL, Pack 29, Meriden
PETER LEPPONES, Pack 19, Southington
SEAN CLOONEY, Eagle Scout, EMT American Medical Response

Readyman –COMPLETED AT W.O.W. 2012

Do all of these:

1. With your parent, guardian, or Webelos den leader, complete the Courage Character Connection:

a. **Know:** Define the importance of each courage step. Be strong; Be calm; Be clear; Be careful.
Explain how memorizing the courage steps help you to be ready.

b. **Commit:** Explain why it is hard to follow the courage steps in an emergency.

Tell when you can use the courage steps in other situations (such as standing up to a bully, avoiding fights, being fair, not stealing or cheating when tempted, etc.).

c. **Practice:** Act out one of the requirements using these courage steps:
Be strong; Be calm; Be clear; Be careful.

2. Explain what first aid is. Tell what you should do after an accident.

3. Explain how you can get help quickly if there is an emergency in your home.

Make a help "list" of people or agencies that can help you if you *need it*.

Post it near a phone or in another place with easy access.

4. Demonstrate the Heimlich maneuver and tell when it is used.

5. Show what to do in these 'hurry' cases:

Serious bleeding Stopped breathing

Internal poisoning Heart attack

6. Show how to treat for shock.

7. Show first aid for the following:

Cuts and scratches Burns and scalds

Choking Blisters on the hand and foot

Tick bites Bites and stings of insects other than ticks

Poisonous Snakebite Nosebleed

Frostbite Sunburn

8. Tell what steps must be taken for a safe swim with your Webelos den, pack, family, or other group.

Explain the reasons for the buddy system.

And do two of these:

9. Explain six safety rules you should follow when 'driving' a bicycle.

10. Explain the importance of wearing safety equipment when participating in sports activities (skating, skateboarding, etc.).

11. Make a home fire escape plan for your family.

12. Explain how to use each item in a first aid kit.

13. Tell where accidents are most likely to happen inside and around your home.

14. Explain six safety rules you should remember when riding in a car.

15. Attend a first aid demonstration at a Boy Scout troop meeting, a Red Cross center, or other community event or place.



Instructors
Dave Rossi, Pack 8, Southington
Dave Seebauer, Pack 8, Southington
Krista Johnson, & Dr. Steve Wattson

Scientist-COMPLETED AT W.O.W. 2012

Do these:

- 1. Read Bernoulli's principle. Show how it works.
- 2. Read Pascal's law. Tell about some inventions that use Pascal's law.
- 3. Read Newton's first law of motion. Show in three different ways how inertia works.
- 4. While you are a Webelos Scout, earn the Cub Scout Academics **belt loop for Science**.

And do six of these:

- 5. Show the effects of atmospheric pressure.
- 6. Show the effects of air pressure.
- 7. Show the effects of water pressure. This may be combined with atmospheric pressure or with air pressure.
- 8. With adult supervision, build and launch a model rocket. Describe how Newton's third law of motion explains how the rocket is propelled into the sky.
- 9. Explain what causes fog. Show how this works.
- 10. Explain how crystals are formed. Make some.
- 11. Explain how you use your center of gravity to keep your balance. Show three different balancing tricks.
- 12. Show in three different ways how your eyes work together and show what is meant by an optical illusion.
- 13. While you are a Webelos Scout, earn the Academics **belt loop for Weather**.
- 14. While you are a Webelos Scout, earn the Academics **belt loop for Astronomy**.



Science Belt Loop/Pin – BELT LOOP COMPLETED AT W.O.W. 2012

Belt Loop:

- 1. Explain the scientific method to your adult partner.
- 2. Use the scientific method in a simple science project. Explain the results to an adult.
- 3. Visit a museum, a laboratory, an observatory, a zoo, an aquarium, or other facility that employs scientists. Talk to a scientist about his or her work.

Pin-Earn the Science belt loop and complete five of the following requirements:

- 1. Make a simple electric motor that works.
- 2. Find a stream or other area that shows signs of erosion. Try to discover the cause of the erosion.
- 3. Plant seeds. Grow a flower, garden vegetable or other plant.
- 4. Use these simple machines to accomplish tasks: lever, pulley, wheel-and-axle, wedge, inclined plane, and screw.
- 5. Learn about solids, liquids, and gases using just water. Freeze water until it turns into ice. Then, with an adult heat the ice until it turns back into a liquid and eventually boils and becomes a gas.
- 6. Build models of two atoms and two molecules, using plastic foam balls or other objects.
- 7. Make a collection of igneous, metamorphic, and sedimentary rocks and label them.
- 8. Learn about a creature that lives in the ocean. Share what you have learned with your den or family.
- 9. Label a drawing or diagram of the bones of the human skeleton.
- 10. Make a model or poster of the solar system. Label the planets and the sun.
- 11. Do a scientific experiment in front of an audience. Explain your results.
- 12. Read a book about a science subject that interests you.