

**2010 Colonial District
Merit Badge Jamboree
February 6, 2010
Carl Sandburg Middle School
8428 Ft. Hunt Road
Alexandria, VA 22308**

Prerequisites for 2010 MJB Classes

READ THE MERIT BADGE PAMPHLET

Counselors may update the pre-requisites.

American Cultures MB

- Read the Amer. Cultures MB pamphlet
- Select 3 different cultural, ethnic, or racial groups in the US about which you want to learn more. Examples are African-Americans, Arab-Americans, Asian-Americans, Eskimos, Hispanic- Americans, Jewish Americans, Native Americans, or from any individual country such as Irish, Japanese, Mexican, Scottish, etc. You can check with counselor about your selections.
- Write down any information your find about each group's special celebrations, customs or foods. Identify one famous person from each group and write down what they did.
- Talk to a person from at least one of your groups about their heritage and traditions and write down who you talked to and what you learned.

• **Counselor: Henry Ruempler**

American Heritage – Prerequisites will be announced later.

Counselor: Chris Marston;

American Labor –

- Complete Requirement #2 (using the internet) and
- Complete Requirement #5 (either a, b, c, or d)
- Prepare a written report
- The report can be sent in advance to the counselor or brought on the day of the Jamboree.

Counselor: Ron McHugh,

Chemistry –

- Bring Safety goggles to class.
- Read the pamphlet.
- Do the following at home: Req #1c and Req #4a and Req 6a.
- Also, select one of the items in #7 and do that before the MJB.

Counselor: Jen Goeglein,

Coin Collecting -

- Req 7: Bring in five different state quarters you have collected from circulation.
- Req 8: Collect a penny, nickel, dime, quarter, half dollar, and dollar. Bring them in with you.
- Req 9d: Collect a date set of a single type (penny or nickel or dime or quarter) since the year of your birth.

Counselor: Jason Zeibel,

Scouts must read the Merit Badge pamphlets for every class.

Computers –

- Reading the book is a requirement to be prepared to discuss topics in open forum. Classes are open discussions based on badge requirements and personal experiences.
- Bring paper copies AND files on a USB flash drive.
- Bring a laptop if possible.
- Do THREE of the following: (Requirement #6)
 - a. Use a database manager to create a troop roster that includes the name, rank, patrol, and telephone number of each Scout. Show your counselor that you can sort the register by each of the following categories: rank, patrol, and alphabetically by name.
 - b. Use a spreadsheet program to develop a food budget for a patrol weekend campout.
 - c. Use a word processor to write a letter to the parents of your troop's Scouts inviting them to a [court of honor](#). Use the program's mail merge feature to make a personalized copy of the letter for each family.
 - d. Use a computer graphics program to design and draw a campsite plan for your troop, OR design a flyer for an upcoming troop event.
 - e. Using a software package of your choice, develop a short presentation about a topic that has been approved by your counselor. For your presentation create at least 10 slides.
 - f. Using an Internet search engine, find ideas about how to conduct a troop [court of honor](#) or campfire program. Print out a copy of the ideas from at least three different Web sites. Share what you found with your counselor, and explain how you used the search engine to find this information.
 - g. Using a digital camera, take a picture of a troop activity. Transfer the picture file to a computer and use photographic software to make it small enough to send easily as an e-mail attachment. Then, using a computer connected to the Internet (with your parent's permission), send an e-mail to someone you know. In your message, include the photograph as an attachment. Verify that the person received your e-mail and was able to view the attachment.
 - h. Describe two computer chip-based devices, and explain how they are "smarter" because of the chip and its program.
- Do ONE of the following: (Requirement #7)
 - a. Visit a business or an industrial plant that uses computers. Observe what tasks the computers accomplish, and be prepared to discuss what you have learned.
 - b. Using a software package of your choice for computer aided design (CAD), create an engineering-style drawing of a simple object. Include the top, bottom, and at least one side view and the dimensions.
 - c. Use a general purpose programming language to write a simple program application of your choice, subject to approval by your counselor.
 - d. Design a Web page for your troop, patrol, school, or place of worship. You need not post the page to a Web site. However, if you decide to do so, you will first need to get your parent's permission and your counselor's approval, as well as permission from the host site.

Highlighted areas require prior approval.

Counselors: Barbara Bredmon, And Bill Glasgow,

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Disability Awareness -

- Visit an agency that works with people with physical, mental, emotional, or educational disabilities. Collect and read information about the agency's activities. Learn about opportunities its members have for training, employment, and education.
- Do TWO of the following:
 - a. Talk to a Scout who has a disability and learn about his experiences taking part in Scouting activities and earning different merit badges.
 - b. Talk to an individual who has a disability and learn about this person's experiences and the activities in which this person likes to participate.
 - c. Learn how people with disabilities take part in a particular adaptive sport or recreational activity. Discuss what you have learned with your counselor.
 - d. Learn about independent living aids such as service animals, canes, and teletypewriters (TTYs). Discuss with your counselor how people use such aids.
- Watch the following Youtube Presentation "Ben Stiller, Can We Talk," (<http://www.youtube.com/watch?v=7eOBOAIQH54>) and take notes about the using hurtful words like retarded and what you have learned from the video.

Counselor: Michael Carrasco,

Electricity – Prepare and bring to class. #2 and #8

Counselor: Paul MacDonald;

Engineering – Prerequisites to be announced later.

Counselor: Richard Cosby,

Fingerprinting – No prerequisites

Counselor: Maryann Fay

Genealogy – all requirements are to be completed before the MBJ and put into a notebook to be turned into the counselor before the morning sessions. Schedule a meeting with the Counselor at lunch.

Counselor: Mary Aring Martin,

Indian Lore –

- Requirement #2, do two of the following: make an item of clothing; make and decorate an item that a tribe uses; make an Indian dwelling; or visit a museum and write two paragraphs.

Counselor: Michael Martin,

Journalism - Read the merit badge book and complete the following requirements in advance.

- **Newspaper and magazine journalism** (Requirement 2 – a- 1)
 - All on the same day, read a local newspaper, a national newspaper, a newsmagazine, and (with your parent's permission) an online news source. From each source, clip, read, and compare a story about the same event. Tell your counselor how long each story is and how fair and accurate the stories are in presenting different points of view. Tell how each source handled the story differently, depending on its purpose or audience
 - Discuss the differences between a hard news story and a feature story. Explain what is the "five W's and H." Then do ONE of the following: (Requirement 3#)
 - a. Choose a current or an unusual event of interest to you, and write either a hard news article OR a feature article about the event. Gear the article for print OR audio OR video journalism. Share your article with your counselor.
 - b. With your parent's permission and counselor's approval, interview someone in your community who is influential because of his or her leadership, talent, career, or life experiences. Then present to your counselor either a written or oral report telling what you learned about this person.
 - c. With your parent's permission and counselor's approval, read an autobiography written by a journalist you want to learn more about. Write an article that tells what

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you learned about this person and the contributions this person has made to the field of journalism.

- d. Attend a Scouting event and write a 200-word article (feature or hard news) about the event. Use either the inverted pyramid style or the chronological style. Review the article with your counselor, then submit it to your community newspaper or BSA local council or district newsletter for consideration.

- Stories must be either typed or written neatly in ink, please double-space. The counselor may be able to arrange a tour of a journalism office at a separate time and place.

Counselor: Anne Brink,

Law – Read the MB pamphlet. Do Requirements 4 & 7 before coming to class. You will be sent a “case” to read for the mock trial.

Counselor: Bill Kovatch;

Leatherwork - Scouts need both a kit for a project and a leather item, such as a baseball glove, shoes, or belt to refurbish. They can bring money for a kit between \$1-7.00 to buy a kit. If the kit is purchased outside the class it should not be too complex to finish in the allotted time. There will be plenty of kits for those who want to buy. The counselor will have all of the supplies for making the kit item and for refurbishing.

Counselor: Clarence Hoop

Medicine – Prerequisites will be announced later.

Counselor: Steve Routt,

Photography - Prerequisites will be announced later.

Counselors: Weatherly Hulsey and Brenda Hankins

Pulp and Paper –

- With your parent's and counselor's approval, do ONE of the following: (Requirement #7)
 - a. Visit a pulp mill. Describe how the mill converts wood to cellulose fibers.
 - b. Visit a paper mill and get a sample of the paper made there. Describe the processes used for making this paper. Tell how it will be used.
 - c. Visit a container plant or box plant. Describe how the plant's products are made.
 - d. Visit a recycled paper collection or sorting facility. Describe the operations there.
 - e. Using books, magazines, your local library, the Internet (with your parent's permission), and any other suitable research tool, find out how paper products are developed. Find out what role research and development play in the papermaking industry. Share what you learn with your counselor.
- Find out about three career opportunities in the papermaking industry that interest you. Pick one and find out the education, training, and experience required for this profession. Discuss this with your counselor, and explain why this profession might interest you. (Requirement #8).

Counselor: Gretchen Spear

Reading – all requirements are to be completed before the MBJ and put into a notebook to be turned into the counselor before the morning sessions. Schedule a meeting with the Counselor at lunch.

Counselor: Fran McPoland

Scholarship –. all requirements are to be completed before the MBJ and put into a notebook to be turned into the counselor before the morning sessions. Schedule a meeting with the Counselor at lunch. Scouts must obtain a note from the school principal or designated school official addressing behavior, leadership and service. Notes from the teacher on a report card do not meet this requirement

Counselor: Pam Johnson

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Sports -

- Read the Sports MB pamphlet and bring it to class. For additional resources for this MB, please go to http://meritbadge.org/wiki/index.php/Merit_Badges
- Bring certification (e-mail or letter) from a coach or assistant coach that you took part for one season (or four months) as a competitive individual or as a member of an organized team in TWO of the following sports: baseball, basketball, bowling, cross-country, field hockey, football, ice hockey, lacrosse, soccer, softball, table tennis, tennis, volleyball, water polo. Please contact the MB counselor in advance of the MBJ for approval of other recognized sports, but not any sport that is restricted and not authorized by the Boy Scouts of America.
- Draw diagrams of the playing areas for your two sports.
- Organize and prepare a chart to track your training, practice, and development in these sports for one season (or four months).

• Counselor: Joe Perry

Stamp Collecting – Read the merit badge book in its entirety.

- Do at least TWO of the following (Requirement # 7) :
 - a. Design a stamp, cancellation, or cachet.
 - b. Visit a post office, stamp club, or stamp show with an experienced collector. Explain what you saw and learned.
 - c. Write a review of an interesting article from a stamp newspaper, magazine, book, or web site (with your parent's permission).
 - d. Research and report on a famous stamp-related personality or the history behind a particular stamp.
 - e. Describe the steps taken to produce a stamp. Include the methods of printing, types of paper, perforation styles, and how they are gummed.
 - f. Prepare a two- to three-page display involving stamps. Using ingenuity, as well as clippings, drawings, etc., tell a story about the stamps and how they relate to history, geography, or a favorite topic of yours.
- Mount and show, in a purchased or homemade album, ONE of the following (Requirement # 8):
 - a. A collection of 250 or more different stamps from at least 15 countries.
 - b. A collection of a stamp from each of 50 different countries, mounted on maps to show the location of each.
 - c. A collection of 100 or more different stamps from either one country or a group of closely related countries.
 - d. A collection of 75 or more different stamps on a single topic. (Some interesting topics are Scouting, birds, insects, the Olympics, sports, flowers, animals, ships, holidays, trains, famous people, space, and medicine, etc.) Stamps may be from different countries.
 - e. A collection of postal items discovered in your mail by monitoring over a period of 30 days. Include at least five different types listed in book requirement #3.

Counselor: Bob Morgan

Truck Transportation – Prerequisites will be announced later.

Counselor: Glenn Hall

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