

# Registration Timetable & Participant Handbook



Wisconsin 4-H & Youth Conference

June 27-30, 2011

UW Madison Campus

**\*Important Dates\***

**Deadline to return forms to county 4-H April 8; Last day to cancel w/o penalty May 31**

## **2011 WISCONSIN 4-H & YOUTH CONFERENCE *TENTATIVE* SCHEDULE**

*NOTE: Pre-conference Meal times (Wednesday dinner through Monday lunch in Gordon Commons C6)  
Breakfast - 7:30-8:00 a.m., lunch - 12-12:30 p.m. (June 21 lunch 11:30-12:30); dinner – 5:00-5:30p.m.*

### **Monday, June 27**

Noon-2:00 p.m.	Arrival and Registration (Sellery Main Lounge)
2:30	Gather in the green space next to Gordon Commons for Tours and Getting Acquainted Fun.
2:45	Depart for tours (Be there at 2:30 to find your tour group to leave promptly at 2:45!)
3:00-4:30	Adult Advisor Meeting (Gordon Commons A-1)
4:15-4:45	Talent Show auditions (Main Lounge in Sellery Hall) (Alternate time for auditions Tuesday afternoon.)
4:45-5:15	Floor Meetings for all delegates and Adult Advisors (Sellery lounges on each floor)
5:15-6:15	Dinner (Gordon Commons – C4 & C6) (Allow 15 minutes to walk to Memorial Union)
6:30-8:20	Assembly: Donna Menart, Interim State 4-H Director; YLC; Keynote (Memorial Union Theater)
8:30-9:50	Recreation (Dance—Gordon Commons A1; Movies—Sellery Hall; Games)
10:00	Sellery Hall closes; Floor Meetings
10:30	Lights Out—In Own Rooms. Quiet Hours until 7:00 a.m.

### **Tuesday, June 28**

6:00 a.m.	Fun Run (Meet between Sellery Hall and Gordon Commons.)
7:15-8:15	Breakfast (Gordon Commons – C4 & C6)
8:15	County Delegation Meetings
8:40	Gather & depart for seminars & service learning (Meet in green space next to Gordon Commons)
9:00-11:15	Service-learning sessions or seminars
11:30-12:30 p.m.	Lunch (Gordon Commons – C4 & C6)
12:40	Gather & depart for seminars (Meet in green space next to Gordon Commons)
1:00-3:15	Service-learning sessions, seminars or
3:30-4:45	Talent Show auditions (Main Lounge in Sellery Hall)
3:30-4:45	Free Time
4:45-5:15	County Delegation Meetings (to process: take-home focus)
5:15-6:15	Dinner (Gordon Commons – C4 & C6) (Allow 15 minutes to walk to Memorial Union)
6:30-8:20	Assembly: Drama Team (Memorial Union Theater)
8:20	State Art Exhibit (Sellery Main Lounge) - Northern, Western, Eastern Districts
8:30-10:20	Recreation; Movies—Sellery Hall; Games)
10:00	Sellery Hall closes; Floor Meetings
10:30	Lights Out—In Own Rooms. Quiet Hours until 7:00 a.m.

### **Wednesday, June 29**

6:00 a.m.	Fun Run (Meet between Sellery Hall and Gordon Commons.)
7:15-8:15	Breakfast (Gordon Commons – C4 & C6)
8:15	County Delegation Meetings
8:40	Gather & depart for seminars (Meet in green space next to Gordon Commons)
9:00-11:15	Seminars
11:30-12:30 p.m.	Lunch (Gordon Commons – C4 & C6)
12:40	Gather & depart for seminars (Meet in green space next to Gordon Commons)
1:00-3:15	Seminars
3:30-4:45	Free Time
3:45-5:30	Talent Show Rehearsal (Memorial Union Theater)
4:45-5:15	County Delegation Meetings (to process: take-home focus)
5:15-6:15	Dinner (Gordon Commons – C4 & C6) (Allow 15 minutes to walk to Memorial Union)
6:30-8:20	Assembly: Talent Show (Memorial Union Theater)
8:20	State Art Exhibit (Sellery Main Lounge) - Central, Southern, Quad Cities Districts
8:30-10:20	Recreation (Dance—Gordon Commons A1; Movies— Sellery Hall; Games)
10:30	Sellery Hall closes; Floor Meetings
11:00	Lights Out—In Own Rooms. Quiet Hours until 7:00 a.m.

### **Thursday, June 30**

7:15-8:15 a.m.	Breakfast (Gordon Commons – C4 & C6)
9:00	Closing Assembly: Photo Team, YLC (Memorial Union Great Hall)
11:30	Departure.



The University of Wisconsin-Extension provides equal opportunities in employment and programming including Title IX.

# REGISTRATION HANDBOOK

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# Note to Youth and Parents

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This timetable is full of information about this year's Wisconsin 4-H & Youth Conference, which promises to be an exciting and enjoyable event.

As you look through this information, you will want to pay special attention to the Expectation Statement. Behavior expectations are important for a number of reasons. They help everyone, adults as well as youth, remember to treat one another respectfully and courteously. They also spell out procedures for responding fairly and consistently when someone's inappropriate behavior infringes on the well-being of others.

Like any other document requiring a signature, this one is worth reading carefully before signing so you will know what you are agreeing to! In addition to the obvious expectations (like no alcohol, no drugs, no sexual activity, etc.) there are some other expectations that are less obvious. In signing the Expectation Statement, youth are agreeing not to wear certain kinds of clothing at the Youth Conference (i.e. T-shirts or caps that contain rude, sexually oriented or obscene language or pictures, advertising for drugs, cigarettes or alcohol). Please refer to the dress code for further explanation.

Parents or guardians will also want to be familiar with the role of adults who have been chosen to serve as Adult Advisors to Youth Conference delegates. It is explained on the Adult Expectation Statement, along with information about what happens if youth choose to ignore the things they have agreed to by signing their expectation form.

Wisconsin 4-H & Youth Conference is a wonderful opportunity for youth to learn new things, make new friends and have a great time on the UW-Madison campus. By signing the Expectation Statement, you and your son or daughter are doing your part to help make sure this year's event is everything it is intended to be.

Remember, it is all about attitude. If you come prepared to have a great time, according to the plans and rules, you will, and everyone else will too. Have a contagious, positive attitude throughout the week, and see how many people you can influence to do the same!

Adult & Youth Registration forms due to county office.....	April 8
Health, Expectation, Water/Rock Climbing/Service Learning Liability Forms due to county .....	April 8
Talent Show application due to State 4-H Office .....	April 8
County Delegate/Adult Advisor orientation .....	_____
State Adult Advisor Orientation teleconference .....	May 24
Last day to cancel without financial penalty .....	May 31
Early Departure forms due .....	Give to Adult Advisor to submit on-site June 27

***Please contact your County Office for the  
County Delegate/Adult Advisor Orientation dates and times.***

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# Introduction

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## THEME

WI 4-H & Youth Conference encourages delegates to help think “Outside the Box.” For three days, youth in grades 7-10 come together at the University of Wisconsin-Madison campus to engage in fun, educational activities. This year, we will be focusing on leadership, healthy living, individual responsibility, goal setting, and becoming successful.

## OBJECTIVES

Through your participation in Wisconsin 4-H & Youth Conference you will:

1. **Prepare** to be active in your 4-H club, neighborhood, school and community.
2. **Learn** about various 4-H and UW-Extension youth programs.
3. **Experience** “action-learning” in a campus atmosphere.
4. **Strengthen** communication, leadership and other life skills.
5. **Exchange ideas** and **form friendships** with youth from around Wisconsin.

## AUDIENCE

Participation as a delegate of Wisconsin 4-H & Youth Conference is open to 7<sup>th</sup>-10<sup>th</sup> grade 4-H’ers and youth involved in other University of Wisconsin-Extension programs. Ambassadors, members of Art or Photo Teams, Drama Company, Showcase Singers or youth seminar instructors can be in grades 9-13. Youth Leader Council members must be in grades 9-11 at the time their term begins.

While many of the participants are 4-H members, many others are not. This is an opportunity for youth from a wide variety of backgrounds and experiences to come together to exchange ideas, form friendships, and learn important skills for contributing to their communities.

## Please Complete the Following Forms

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1. Read and sign the **Youth or Adult Expectation Statements**.
2. Read and sign the **Youth Health Form**.
3. Review the registration information and seminar descriptions, and complete a **Registration Form**.
4. If necessary, read, complete and sign the **Early Departure/Excused Absence** form.
5. If necessary, read and sign the **Activity Liability Waiver Forms**. These forms must be completed for delegates and adults participating in the Lakeshore Preserve and/or Bird Conservation service learning activities, Devil’s Lake Rock Climbing activities and/or sailing, windsurfing, kayaking, canoeing, water sports.
6. If interested, complete and sign the **Talent Show application** for the WI 4-H & Youth Conference Talent Show held during the Wednesday evening assembly.

**Deliver or mail the completed forms to your County 4-H Extension office before April 8.**

# General Information

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## COUNTY DELEGATION ORIENTATION

Your county delegation will have a face-to-face orientation before you attend the Wisconsin 4-H & Youth Conference. Participants will review Conference information, county expectations and post-Conference activities. County 4-H Educators will be able to provide the date and time of this orientation.

## REGISTRATION COST

The registration cost for the 2011 Wisconsin 4-H & Youth Conference is \$210. This cost includes the educational program, lodging and meals from Monday afternoon through Thursday morning, a conference T-shirt and a delegation photo. Your County 4-H Educators will be able to provide more details on the financial arrangements available in your area. Youth in Art and Photo Teams, Drama Company, Showcase Singers, Youth Leader Council pay different registration fees. The coordinating state specialists will discuss these arrangements with the participating youth.

## CANCELLATION POLICY

Promptly notify your County 4-H Educator if you cannot attend. A cancellation in writing received by the state WI 4-H Youth Development Office by May 31<sup>st</sup> will be accepted with no monetary loss to the individual or county. Any cancellation received after June 1 will not be accepted. However, the individual's full registration fee of \$210 will be included in the county invoice. Exceptions will be made only in the case of documented illness or family emergency. This cancellation policy does not affect members of Art and Photo Teams, Drama Company, Showcase Singers, or Youth Leader Council. Cancellation by members of those groups will be handled by the coordinating state specialist.

## EXPECTATION STATEMENTS

All Conference delegates and their parents/guardians should read, discuss and sign the "Expectation Statement for Youth on UW-Extension Sponsored Trips and Events" in this handbook. A youth or adult cannot register without submitting an original, completed, and signed Expectation Statement. Submit your statement to your County 4-H Educator with your health (*youth only*) and registration form by April 8.

## DELEGATE HEALTH INFORMATION

All Conference youth must complete and sign the appropriate Health Form found in this handbook. Youth cannot register without submitting an original, completed, and signed Health Form. Please make a copy for travel, if needed. Original health forms will be on file in the First Aid Station at Headquarters.

**Parents/Guardians:** you are responsible for advising your delegate's Adult Advisor who registers the delegation whether there are any changes as follows:

1. Have there been any changes in your teen's health status, medications or related information since their medical form was submitted in April?
2. Will you and the emergency contact listed on the initial medical form be available during the conference at the number stated? If not, at what emergency number can you/they be reached?

**Note:** If there are any changes in health or prescriptions, the youth must report them at registration to the on-site First Aid Coordinator. Medications must be brought in original containers. All prescriptions for those under 14 or who need assistance administering their medication must be turned in to the First Aid Station at Registration. All controlled drugs (i.e. Codeine, Ritalin, Adderall, Dexedrine, etc.) must, by law, be administered by event/camp health staff, and will also be collected at Registration.

## **DORMS**

All delegates reside in Sellery Hall, a UW-Madison student residence hall. Two delegates of the same county will occupy a room. Occasionally, delegates may reside with a delegate from another county in order to fill a room. You are able to indicate a roommate preference on the registration form. We will try to honor your preference. However, a request to room with a delegate from another county is difficult to honor. If no preference is indicated, the Housing Office will assign a roommate. Roommates will not be changed after registration. University officials must know the location of each participant in case of emergency.

## **GROUP PHOTOS**

The 2011 Photo Team will take County Delegation group photos. Each delegate will receive a color print. The Lead Advisor will collect your county's photos on Thursday morning before leaving conference.



## **GETTING ACQUAINTED FUN AND TOURS (MONDAY)**

Youth Leader Council members will coordinate tours and activities following registration on Monday afternoon. Delegates meet in the green space next to Sellery Hall at 2:30 p.m. Tours will depart promptly at 2:45 p.m.

## **FUN RUN**

Fun Run begins early on Tuesday and Wednesday morning. Sign up the previous day at Headquarters. (Without enough participants, we may cancel the run.) Bring appropriate clothing if you want to be a part of the fun runs!

## **ATTENDANCE**

Delegates are required to attend all Conference activities. After Conference, your County 4-H Educator will receive notice of any activities you missed. A poor attendance record may affect your eligibility to attend future 4-H events.

## **BEHAVIOR AT ASSEMBLIES**

All Conference assembly programs take place in the Memorial Union Theater. When entering the theater, ushers in the lobby assist with seating. Delegates must sit with their county delegation. Counties are seated together by districts. Behavior in the theater must be appropriate to the event and the honor of attending Wisconsin 4-H & Youth Conference. In addition, please refrain from using a camera and wearing a hat while in the theater.

## **PEDESTRIAN CROSSING**

Conference crossing guards assist with street crossing by using a set route from Monday afternoon through Thursday morning. This route is the safest route for our participants.

## **TELEPHONES**

In consideration of your roommate and to ensure a good night's sleep, please do not use your cell phone between 10:30 p.m. and 7:00 a.m. Cell phones must be turned off during assemblies, seminars and other planned group activities. Your floor leader has a telephone in case of emergency.

## **CHECKING OUT**

Return room keys to your Adult Advisor during check out Thursday morning. The Adult Advisor is responsible for collecting and returning all keys from your county. There is a \$25 charge for a lost key. Do

NOT turn in your individual key at the front desk. Before departing, please remember to leave the linens on the bed, the door unlocked, and air conditioner off.

### **EARLY DEPARTURES**

If you are departing prior to 10:45 Thursday morning, June 30<sup>th</sup>, please give to your Adult Advisor an original, completed, and signed Excused Absence/Early Departure Request. When departing, be sure to check out with headquarters and return your individual key to a 4-H Staff Member, not the Sellery Hall front desk!

### **IN CASE OF EMERGENCY AT HOME**

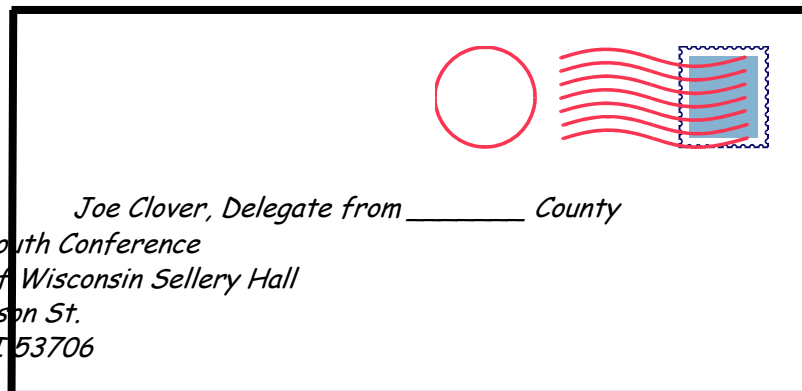
In the event of an emergency at home, any Conference participant may be reached by calling Conference Headquarters at (608) 262-6454. Conference Headquarters is open 24 hours a day during Conference beginning at noon on Monday. Or, call the WI 4-H Youth Development Office at (608) 262-1221 during regular office hours, 7:45 a.m. to 4:30 p.m.

### **IN CASE OF EMERGENCY AT CONFERENCE**

If a Conference participant is in need of emergency medical treatment while at Conference, he/she will go to the University Hospital emergency room. The contact person on the participant's Health Form will be notified immediately. Be sure both the contact's day and night telephone numbers are listed on the Health Form.

### **MAILING ADDRESS**

If your parents or friends plan to send you mail while you are at Conference, it is important for well-wishers to address your letters very specifically, as below. Outgoing mail can be sent from the Sellery Hall front desk.



# Dress Code

You are representing 4-H and your county. Therefore, casual but conservative, neat clothing is appropriate for most Conference activities and events. Being comfortable in the mid-June heat is also important.

Your county delegation may decide to dress up for its group picture. This is a county delegation-based decision; it is not required by the WI State 4-H Youth Development Office.

-For girls: sleeveless or short-sleeved dresses, sleeveless or short-sleeved tops, skirts, slacks, neat jeans and longer shorts are recommended.

-For boys: plain t-shirts, polo t-shirts, short-sleeved shirts, slacks, neat jeans and longer shorts are recommended.

Please do not wear shorts, spaghetti straps, halter tops, shirts that reveal a bare midriff, torn clothing and obscene or vulgar language and/or images on clothing.

Note: Pants and shirts must meet when arms are fully extended overhead.

## Dress Code Violations



# Packing Suggestions

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## WHAT TO BRING (*Clearly label your luggage, camera and other valuables.*)

- Alarm clock
- Backpack
- Clothing and other items required for seminars (such as rock climbing and water sports.)
- Comfortable walking shoes – you will be walking a lot!
- Money for pizza, snacks, souvenirs, etc.
- Music, costumes, props or other items needed for the Talent Show
- Notebook and pens
- Personal toiletry items (including a towel, soap and contact solution, if needed.)
- Raincoat/umbrella (We will walk to seminars, rain or shine!)
- Refillable water bottle
- Required prescriptions in original containers and/or over-the-counter medicine
- Robe/cover-up and sandals/flip-flops for showers
- Sleepwear
- Specific items needed for your assigned seminars such as swimming suit, sun block, etc.
- Towels and soap



## OPTIONAL ITEMS TO BRING

- Favorite pillow
- Inexpensive camera and extra batteries or charger
- Running shoes/clothes for the Fun Runs

## WHAT NOT TO BRING

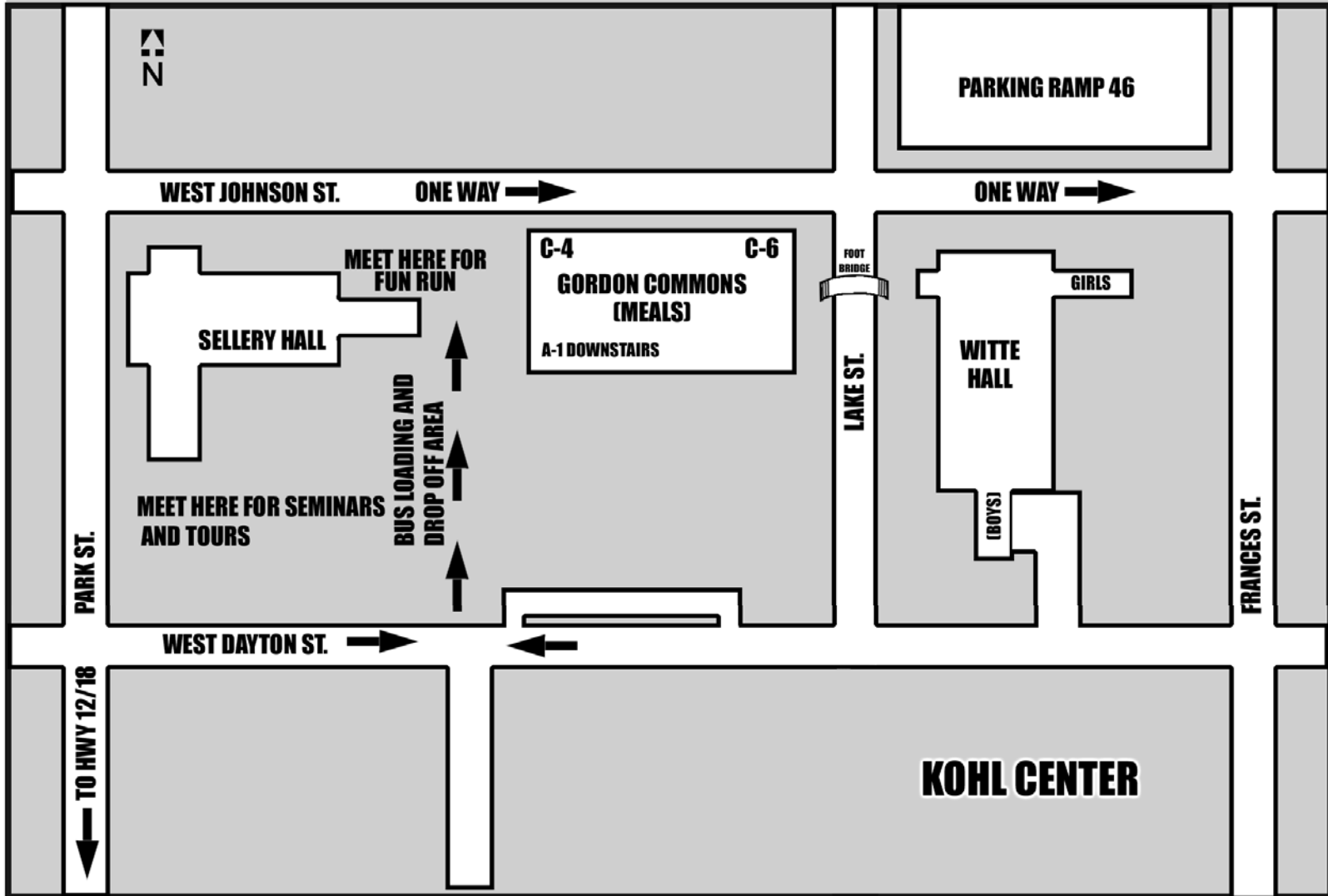
- Bed linens, blankets and pillows (provided at the residence halls)
- Fans (sleeping rooms are air-conditioned)
- Expensive items such as jewelry, radios, cameras or electronic equipment that might get lost/stolen

# University Residence Hall Rules

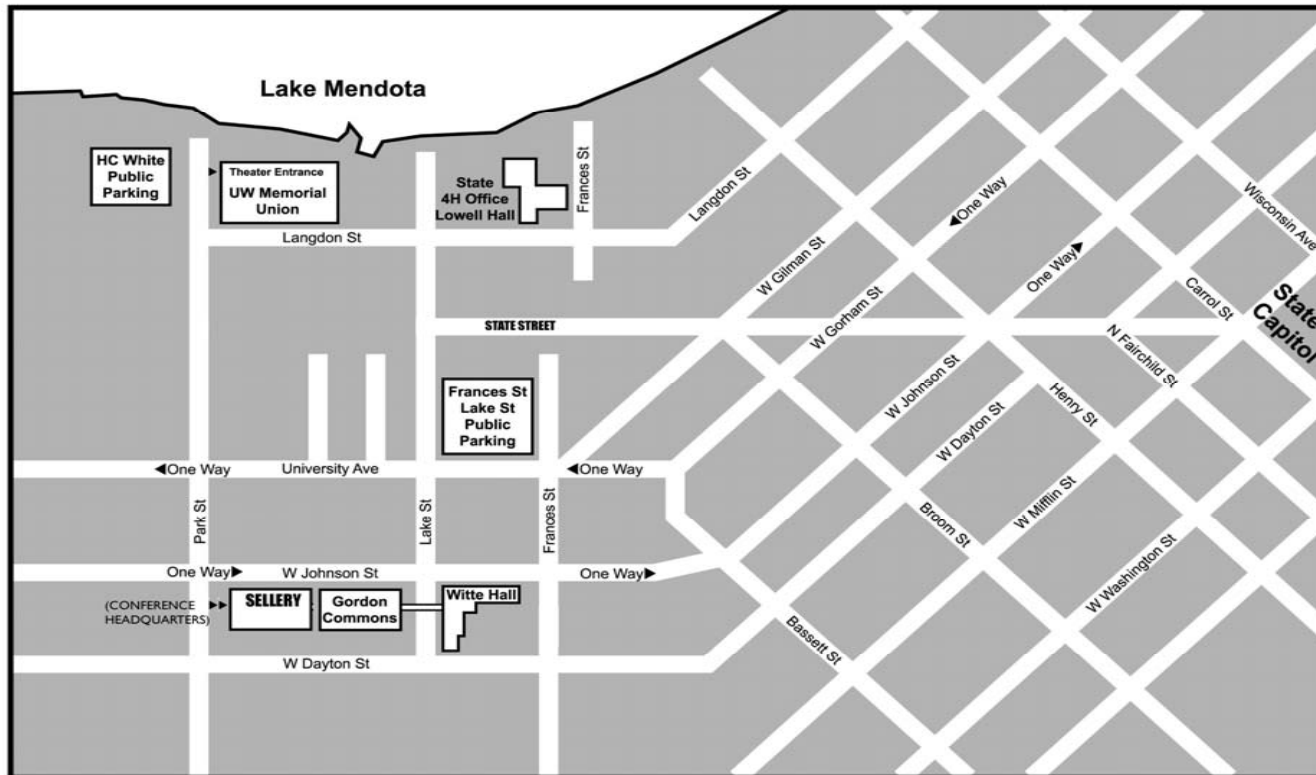
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- 1) **Lights-out time** is 10:30 p.m. Monday and Tuesday, 11:00 p.m. on Wednesday. All residents must be in their rooms. Conference staff and/or security officers will walk the halls at night to enforce curfew.
- 2) **Keep your room clean!** Trash and recycling containers are available in a room near the elevators.
- 3) **Be completely dressed** in dormitory hallways at all times.
- 4) **Keep dormitory rooms locked** for your personal safety. Carry your keys with you when you leave.
- 5) **Do not use cell phones** between 10:30 p.m. and 7:00 a.m. except for emergencies.
- 6) **Close window blinds** when dressing and undressing so others cannot see into your room.
- 7) **Do not open dormitory room windows** except in an emergency. If a window is opened or things are dropped from windows, all occupants of that room will be sent home at their own expense.
- 8) **Furniture and bedding must remain** in their original locations. You will be charged for missing/damaged furniture.
- 9) **Boys and girls are not permitted** to visit each other inside dormitory rooms at any time. Visiting is allowed in the first floor lounges during free time.
- 10) **Smoking, illegal drug or alcohol** use is not allowed inside any University residence hall.

**WISCONSIN 4-H & YOUTH CONFERENCE  
SELLERY HALL & GORDON COMMONS AREA**



**Wisconsin 4-H & Youth Conference Area  
Street Guide**







# Registration Timetable

2011 Wisconsin 4-H & Youth Conference

## SEMINAR NUMBERING SYSTEM

The seminars are numbered according to time slot or target audience as follows:

- 100's** Community service sessions
- 300's** Tuesday morning seminars
- 400's** Tuesday afternoon seminars
- 500's** Wednesday all day seminars
- 600's** Wednesday morning seminars
- 700's** Wednesday afternoon seminars

## Registering for Seminars

After reading the seminar descriptions, please select four possible seminar or service learning choices for each of the four sessions to enter on the registration form in this handbook. If the form is not entirely complete, your registration will not be processed and you will be assigned to any open seminars, regardless of your interests.

All delegates will be assigned to a community service session.

At least one of your selections for each session must be non-water sports, in case those sessions fill early. If no alternates are provided, you may be assigned to any seminar available. Each delegate will be assigned a maximum of two water sports over the course of the conference. If you select an all day water activity for Wednesday, that session will count as two water activity sessions. Keep this in mind while making your selections.

If you are choosing a water sport or rock climbing seminar and/or service learning at the Lakeshore Preserve or Y.E.P.S. Bluebird Conservation activity, you must review, complete, sign and have a parent sign the appropriate Waiver form(s) in the back of this handbook. Mail this form to your County 4-H Youth Development Office with your registration form. An original, completed, and signed Expectation form and Health form must also be submitted before registration can be completed.

**NOTE: If you are choosing an all-day seminar, enter its seminar number into the spaces for both morning and afternoon sessions.**



# Seminar Information Participants

## “Delegates” are youth participants who

- have not elected or been selected to participate in the Ambassador program and
- are not a current member of the Art or Photo Team, Drama Company, Showcase Singers or Youth Leader Council.

## “Teen Leaders” are youth who

- are serving as Ambassadors/Jr. Leaders/Teen Leaders for their county program
- are encouraged to take two of their three seminars that list “TEEN LEADERS are encouraged to take this seminar” in the description. (See chart below for quick reference of recommended Ambassador courses.)

## Adult Leaders are expected to:

- chaperone youth at seminars, and they are expected to register for and participate in any of their selected seminars.

**Note: If no seminars are selected, Adult Leaders will be assigned to seminars as needed.**

## RECOMMENDED TEEN LEADER SEMINARS

Titles of seminars recommended for Ambassadors and Junior or Teen Leaders	Tues. Morning	Tues. Afternoon	Wed. Morning	Wed. Afternoon
4-H at the Capitol	140			
Art Activities That Are Fun to Lead			688	
Be a Radio Star! Intro to Radio Broadcasting		492		
Community Radio (Service Learning)	122			
Get into the Act!				788
Scrapbooking		481		781
Cultural Connections		490		
Scrapbooking 4-H Records		482		
Sharing Science by Creating Exploration Stations			612	
Take Better Pictures! Intro to Photo Composition	380		680	
To Be or Not to Be! Part I: Intro to Public Speaking	394			

# Seminar Descriptions

## Tuesday Morning

### Service Learning

- 110 COMMUNITY ACTION COALITION** **Grades 7-10**  
During the time your group will be here we are open for participants to obtain free clothing. You will be doing a variety of jobs including sorting, accessing and hanging clothing. There is also assisting in finding certain clothing items for people and general upkeep of our store front area.  
*Instructor(s): Theresa Both, Clothing Center*
- 111 CARING FOR OTHER TEENAGERS** **Fee: \$10** **Grades 7-10**  
Learn what service learning is, the type of projects the Chippewa County 4-H Service Learning group completes and how your county can have a similar program. Participants will have a chance to practice service learning by assembling and delivering baby supply care packages for teenage moms. The \$10 fee is to cover costs to deliver the care packages.  
*Instructor(s): Jackie Johnson, 4-H Youth Development; Jean and Kali Krumenauer, Youth participant and co-advisor in the Chippewa County Service Learning Program; Lindy Clark, YC delegate/youth participant in Chippewa County Service Learning Program*
- 113 FLEECE FOR FOLKS** **Grades 7-10**  
Join the Wisconsin 4-H Youth Leader Council in the fun project of making fleece tie blankets that will be donated to a Madison area homeless shelter. During the session, we will also be learning about planning great community service projects and brainstorming ideas you can take back to your club or county.  
*Instructor(s): Taylor Fritsch, YLC Vice President; Katelyn Herlache, YLC State Fair Representative*
- 114 EAST HIGH YOUTH FARM: GROWING FOOD AND FEEDING THE COMMUNITY** **Grades 7-8**  
Come see Madison's Youth Farm in action. Help the farm crew harvest crops for the local food pantry, taste unique vegetables, learn about the resident beehives, and cook some food picked right out of the field in our outdoor kitchen. If seminar is cancelled due to inclement weather, you will be assigned to other available seminars.  
*Instructor: Megan Cain, Program Manager, Madison FarmWorks & East High Community Farm Community GroundWorks*
- 115 OCCUPAWS GUIDE DOGS- HOW A PUPPY BECOMES A GUIDE DOG** **Grades 7-10**  
Come learn about guide dogs, their training and how a puppy grows up to be a Guide Dog. Participate in a sighted-guide demonstration - where you learn how to work with and guide a person with visual impairments and perhaps even get the opportunity to test-drive a Guide Dog! For more information about Occupaws, please visit [www.occupaws.org](http://www.occupaws.org).  
*Instructors: Barbara Schultze, President of Occupaws Guide Dogs; Mark Shultze, Treasurer of Occupaws*
- 116 COMMUNITY GARDENS** **Grades 7-10**  
Participants will work in one of two community gardens serving low-income populations in Madison. Participants will not only learn hands-on about gardening, but will also learn about history of community gardens, how they are created, how they impact the community, and about different foods for different cultures. Brochure and map of different gardens around Madison will be provided. Participants should dress appropriately for the weather and bring water and sunscreen. Tennis shoes are recommended but not required. In case of bad weather, participants will help sort food at the local food pantry.  
*Instructor: Nicole Craig, Community Action Coalition: Madison Community Gardens, Food and Gardens Division*
- 117 BUILDING FOR BLUEBIRDS** **Grades 7-10**  
Join others in a conservation effort to increase the bluebird population in Wisconsin. Construct bluebird houses using pre-cut material, and take the pattern and know-how home to initiate your own county conservation effort. **A waiver must be signed by a parent before attending this community service activity. The waiver form can be found in this handbook.**  
*Instructor: Penny Pohle, Education coordinator/Land conservation*

(Tuesday morning, cont'd.)

**118 DREAM BIKES**

**Grades 7-10**

Before or after an invigorating 5-mile bike ride, help rehabilitate used bikes at a non-profit agency staffed by Boys & Girls Club youth. Bring a water bottle, hat and sunscreen as appropriate. Dress/equipment needed: closed-toed shoes and clothes that can get dirty. Aprons will be provided but you still might get dirty. In case of inclement weather, the bike ride(s) will be cancelled but participants will still go to Dream Bikes to work and learn.

*Instructor(s): Sarah Rogers, Assistant Manager, Dream Bikes*

**119 SERVING 4-H FRIENDS AROUND THE WORLD**

**Grades 7-10**

4-H is in more than 70 countries including in Africa, Asia, and Latin America. At this seminar you will learn about some of these programs and record a CD of music and games that 4-H members in Africa can use at their club meetings. Then we'll discover how to link your 4-H club into in the new Global 4-H Network and easy ways you can support club projects in Africa.

*Instructor(s): Mary Crave, Global 4-H Network Project Director; Noland Lendved and Stephanie Hemshrot, 4-H International Programs Assistants; Cayla Hantzsch, Sauk Co. 4-H member and international exchange delegate*

**120 LAKESHORE NATURE PRESERVE**

**Grades 7-10**

Help us to manage native plant communities and restore ecosystem functions by removing invasive plants in the Lakeshore Nature Preserve. As you work you'll be introduced to some common invasive plant species, the threats they pose, and how to control them both here and perhaps in your home communities. We welcome your help to provide the care and stewardship that the Lakeshore Nature Preserve needs to flourish. Please dress for the weather. What to bring: Drinking water, insect repellent, and sunscreen. It is also highly recommended that you wear closed-toe shoes, long pants and a hat. Gloves and tools will be provided.

**A waiver must be signed by a parent before attending this community service activity. Chemicals will NOT be used during this seminar although they are listed on the waiver.**

*Instructor(s): Bryn Scriver, Volunteer Coordinator, Lakeshore Nature Preserve*

**121 STORYTIME BOOTCAMP**

**Grades 7-10**

Madison Public Library's Youth Services Librarians will offer the tricks to running a successful and engaging storytime for young people while promoting literacy in your community. Participants will receive a free picture book and will create take-home props for their story while learning how to properly use them during the storytelling process. Take these new skills back to your community while volunteering for your public library's storytimes or babysitting the neighbor kids. You'll never have to hear "I'm bored" from those little ones again!

◆TEEN LEADERS are also encouraged to sign up for this seminar.

*Instructor(s): Krissy Wick and Jody Lovaj, Youth Services Librarians*

**122 COMMUNITY RADIO**

**Grades 7-10**

Learn about community radio...take a tour of the studio, see the control room, and receive an introduction to the "community radio movement" and some of the social media in the first hour. In the second hour, try your hand at making recording such as PSA's for on-air broadcast. You might also discuss/make podcasts and press releases. Will be provided a list of community radio stations throughout the state and sample press releases.

◆TEEN LEADERS are also encouraged to sign up for this seminar.

*Instructor(s): Molly Stentz, News and Public Affairs Coordinator, WORT Community Radio*

**140 4-H AT THE CAPITOL**

**Grades 9-10**

State Legislators have few opportunities to talk with young people. Learn about the policy-making process and then exchange ideas about 4-H and youth issues at a special public hearing in the Capitol. If legislative duties interfere, aides and lobbyists involved in the policy process will meet with you. After the hearing, converse informally with legislators, aides, or lobbyists over lunch. **NOTE: Actual times of seminar including travel time are 7:45 a.m. - 12:00 noon. Meet outside of Sallery Hall before 7:45 a.m.**

◆TEEN LEADERS are also encouraged to sign up for this seminar.

*Instructor: Members of the Wisconsin Legislature, their aides, and/or professionals involved in the policy-making process.*

## Arts & Communication

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### 380 TAKE BETTER PICTURES! INTRO TO PHOTO COMPOSITION

Grades 7-10

Learn the basics of photo composition. You'll see how five simple composition rules will make your photos a hundred times better! Then you'll practice your new photo skills during a photo walk on the UW-Madison Campus. You must bring a 35mm or digital camera to this seminar, and a new roll of 24- or 36-exposure color print film if you are not using digital. Open to all delegates.

◆TEEN LEADERS are also encouraged to sign up for this seminar.

*Instructor(s): Wayne Brabender, Wisconsin 4-H Photography Specialist*

### 394 TO BE OR NOT TO BE! PART I: INTRODUCTION TO PUBLIC SPEAKING

Grades 9-10

Public speaking is an art that you can learn. Overcome your fear of speaking in public. Learn how to plan, prepare, and present dynamic public presentations. Practice introducing speakers and answering questions from the audience. Open to all delegates interested in an active seminar. Ambassadors are encouraged to sign up for this seminar.

◆TEEN LEADERS are also encouraged to sign up for this seminar.

*Instructor(s): Brooke Konopacki, Vice President for Student Access*

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# Tuesday Afternoon

## Service Learning

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### 160 LAKESHORE NATURE PRESERVE

Grades 7-10

Help us to manage native plant communities and restore ecosystem functions by removing invasive plants in the Lakeshore Nature Preserve. As you work you'll be introduced to some common invasive plant species, the threats they pose, and how to control them both here and perhaps in your home communities. We welcome your help to provide the care and stewardship that the Lakeshore Nature Preserve needs to flourish. Please dress for the weather. What to bring: Drinking water, insect repellent, and sunscreen. It is also highly recommended that you wear closed-toe shoes, long pants and a hat. Gloves and tools will be provided.

**A waiver must be signed by a parent before attending this community service activity. Chemicals will NOT be used during this seminar although they are listed on the waiver.**

*Instructor(s): Bryn Scriver, Volunteer Coordinator, Lakeshore Nature Preserve*

### 165 OCCUPAWS GUIDE DOGS- HOW A PUPPY BECOMES A GUIDE DOG

Grades 7-10

Come learn about guide dogs, their training and how a puppy grows up to be a Guide Dog. Participate in a sighted-guide demonstration - where you learn how to work with and guide a person with visual impairments and perhaps even get the opportunity to test-drive a Guide Dog! For more information about Occupaws, please visit [www.occupaws.org](http://www.occupaws.org).

*Instructor(s): Barbara Schultze, President of Occupaws Guide Dogs; Mark Shultze, Treasurer of Occupaws*

(Tuesday afternoon, cont'd.)

- 166 COMMUNITY GARDENS** **Grades 7-10**  
Participants will work in one of two community gardens serving low-income populations in Madison. Participants will not only learn hands-on about gardening, but will also learn about history of community gardens, how they are created, how they impact the community, and about different foods for different cultures. Brochure and map of different gardens around Madison will be provided. Participants should dress appropriately for the weather and bring water and sunscreen. Tennis shoes are recommended but not required. In case of bad weather, participants will help sort food at the local food pantry.  
*Instructor(s): Nicole Craig, Community Action Coalition: Madison Community Gardens, Food and Gardens Division*
- 167 BUILDING FOR BLUEBIRDS** **Grades 7-10**  
Join others in a conservation effort to increase the bluebird population in Wisconsin. Construct bluebird houses using pre-cut materials and take the pattern and know-how home to initiate your own county conservation effort. **A waiver must be signed by a parent before attending this community service activity. The waiver form can be found in this handbook.**  
*Instructor(s): Penny Pohle, Education coordinator/Land conservation; Volunteers Amanda Harguth; Matt Stieve; and Ann VogtSchaller; Jenni Walsh, Sauk County 4-H Youth Development Educator*
- 168 DREAM BIKES** **Grades 7-10**  
Before or after an invigorating 5-mile bike ride, help rehabilitate used bikes at a non-profit agency staffed by Boys & Girls Club youth. Bring a water bottle, hat and sunscreen as appropriate. Dress/equipment needed: closed-toed shoes and clothes that can get dirty. Aprons will be provided but you still might get dirty. In case of inclement weather, the bike ride(s) will be cancelled but participants will still go to Dream Bikes to work and learn.  
*Instructor(s): Sarah Rogers, Assistant Manager, Dream Bikes*

## *Science, Technology, Engineering, & Math*

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- 417 WHAT YOU NEED TO KNOW BEFORE BUYING A USED CAR** **Grades 7-10**  
Yes, it IS possible to purchase a reliable used car at a reasonable price. But, there are many things to check out before making that purchase decision! Find out if the car is reasonably priced, if the car has a good (or not so good) reliability rating, and how to inspect a real car for obvious problems that could cost lots of \$\$\$ later. You will also learn some basic car care and maintenance tips that all drivers should know by attending this seminar.*Instructor(s): Joe Stellato, Shawano County 4-H Youth Development Agent*
- 420 MEDICAL CAREERS—BEHIND THE SCENES** **Grades 7-10**  
Could a career as a nurse, physician's assistant or doctor be in your future? Get to know these professions and what it takes to make a medical career a reality for you. Your hosts will be UW Med School Students who will give you the inside scoop on medical careers with both hands-on activities and discussions.  
*Instructor(s): Kithy Elliot, WARM Project Assistant*
- 423 DISCOVER BIOTECHNOLOGY** **Grades 7-10**  
Work in a state of the art research laboratory. Conduct experiments using the tools of biotechnology. Learn and discuss the impacts of biology research and farming practices.  
*Instructor(s): Cheryl Redman, Outreach Teacher; Nadia Dominquez, Interim Biotechnology Education Specialist*
- 437 FOREST PRODUCTS LABORATORY TOUR** **Grades 7-10**  
You will go "Nutty" over Wood and wood products at the Forest Products Laboratory and Research Center. Wood products are everywhere - in our home, schools, shopping malls- we could not be where we are today without wood! But how did we get all these products we have from trees? This "hands-on" opportunity will be one you will not want to miss as you see, touch, smell, and hear about the forest product industry! Visit the lab that invented the "lick-less" postage stamp and learn about the research and technology that goes into this aspect of the forestry industry and how this renewable "green" resource has been made better world-wide by research done right here in Wisconsin.  
*Instructor(s): Chuck Prissel, Polk Co. Youth Dev. Agent; Bob Tomesh, UW-Extension Horticulture Specialist*

## Healthy Living

- 461 KEELBOAT SAILING** **Fee: \$35** **Grades 7-10**  
Keelboats are some of the largest Sailboats in the Hooper's fleet and can be sailed off shore. Have fun learning to sail by compass. Learn how to chart a course and sail across Lake Mendota. Learn how to work together as a team to sail a large Keelboat. Find the deepest part of the lake using GPS coordinates. Learn how to properly set an anchor when out in deep water (weather permitting.) You will learn the finer aspects of off shore sailing as well as practicing overboard drills. Bring sunscreen and swim attire (such as shorts and a T-shirt along with a windbreaker in case it's cool), dry, warm clothes for land with a towel, and sunglasses and croakies for any glasses. Avoid sweat shirts and jeans. Lifejacket is provided. This is for both the total beginner and those who have sailed before. Prepare to have fun getting wet. *You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*  
*Instructor(s): UW Hoopers staff*
- 463 BASIC CANOEING** **Fee: \$35** **Grades 7-10**  
Learn to develop basic canoeing skills with a partner. Topics covered include tandem canoe design and use; basic canoe strokes, high and low braces along with getting in and landing canoes, and how to deal with wind and waves. Participants will get to practice these strokes in the bow and stern. As weather permits, a trip along scenic Lake Mendota will allow a chance to further explore the outdoors. Instruction is provided by Hoopers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen, appropriate clothes to wear in the water (such as shorts, shoes to get wet, and a T-shirt and a windbreaker in case it's cool or windy), and dry, warm clothes and shoes for land with a towel. Avoid sweat shirts and jeans. Lifejacket is provided. Have fun on the water as you develop your canoeing skills. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*  
*Instructor(s): UW-Hoopers Staff*
- 465 WINDSURFING** **Fee: \$35** **Grades 7-10**  
Learn the basics of windsurfing including theory, balance development, launching, and sailing in a straight line. Instruction is provided by Hoopers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen, swim attire (such as shorts and a T-shirt, and a windbreaker in case it's cool), dry, warm clothes for land with a towel, and sunglasses and croakies for any glasses. Avoid sweat shirts and jeans. Lifejacket is provided. This is for both the total beginner and those who have sailed before. Prepare to have fun getting wet. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted*  
*Instructor(s): UW-Hoopers Staff*
- 472 MAD CITY MONEY** **Grades 9-10**  
Ever wonder what it would be like to make tens of thousands of dollars a year? (Yesss!) Have your own car? (You bet.) A career? (Sure.) A family? (Hmmm...) Mortgage or rent payments? (Wait a minute...) Bills for food, utilities, clothes...(I dunno...) Well, here's your chance to find out how to deal with all this stuff in a two-hour real-world simulation. We'll give you a fictitious future and some financial resources, and then help you to figure out how to pursue happiness within your budget. (Okay, I'll try it.).  
*Instructor(s): Ruth Schriefer, Iowa County Family Living Agent*

## Arts & Communication

- 481 SCRAPBOOKING** **Fee: \$9** **Grades 7-10**  
If you are new to scrapbooking or just want to see what it's all about, this class explains the different styles of scrapbooking; how to keep your photos safe in a scrapbook; and discuss the pros and cons of different products. You'll create your own scrapbook page using a variety of fun products. Feel free to bring along some money to shop in the Archiver's store.  
◆TEEN LEADERS are also encouraged to sign up for this seminar.  
*Instructor(s): Michelle Whisner, Manager, Archiver's*

(Tuesday afternoon, cont'd.)

- 482 SCRAPBOOKING 4-H RECORDS** **Fee: \$15** **Grades 7-10**  
Use the tools from "Scrapbooking" to energize your 4-H Record Book tradition. Bring along 8-10 of your 4-H photos, programs and other stuff to make your own 4-H photo journal. This is a great way to document success in our 4-H program.  
◆TEEN LEADERS are also encouraged to sign up for this seminar.  
*Instructor(s): Rita Smith, Scrapbook Superstore Owner*
- 486 THE ART OF CARTOONING** **Grades 7-10**  
Think you can't draw? Think again! Your instructor will demonstrate how to come up with your own characters, your own jokes and situations. You might create the next "Spongebob," "The Simpsons" or "Bugs Bunny!" These graphic and story-telling skills will be valuable in the changing world of tomorrow's entertainment, and will keep your creativity razor sharp forever.  
*Instructor(s): Jay Rath, Professional Cartoonist and Writer*
- 487 LEARN TO JUGGLE IN HALF A DAY** **Grades 7-10**  
Try the ultimate learn-by-doing project: juggling! Establish the basic technique from two world famous (well, ok, maybe not world famous) Squirrel Dodgers Juggling Team. These talented 4-H Jugglers from Sheboygan County will get you going with balls, scarves, and maybe even clubs if you're up to it! Come prepared for non-stop action with this session!  
*Instructor(s): Tim Talen, WI 4-H Arts and Communications Specialist*
- 488 EXACTLY WHAT ARE THE WISCONSIN 4-H SHOWCASE SINGERS?** **Grades 7-10**  
Find out everything that you need to know about this premier statewide 4-H group, the Wisconsin 4-H Showcase Singers. Members will share with you their thoughts and insights into this exciting group! Come and learn what Showcase is all about, how to apply, music and dance routines and why this group promotes lifetime friendships and memories.  
*Instructor(s): Chris Blakeney, 2011 WI 4-H Showcase Singers Director; 2011 WI 4-H Showcase Singers Members*
- 492 BE A RADIO STAR! INTRO TO RADIO BROADCASTING** **Grades 7-10**  
Join Larry Meiller, host of Wisconsin Public Radio's Larry Meiller Show, in this introduction to radio production. Learn how to prepare materials for broadcast. Create your own fun promotion spots, while learning how to write and speak for radio. Open to all delegates.  
◆TEEN LEADERS are also encouraged to sign up for this seminar.  
*Instructor(s): Larry Meiller, Radio Broadcast Specialist*

## *Developing Multicultural Understanding*

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- 490 CULTURAL CONNECTIONS** **Fee: \$5** **Grades 7-10**  
What do we do as individuals and why do we do it that way? Discover what culture means to you and how it affects your everyday life in this fun, interactive session! You will increase your knowledge of another culture and learn how to change the community of 4-H to be more inclusive of diverse audiences. Participants will make a snack and a craft while venturing into cultural diversity and awareness. Immerse yourself into this experience and embrace our various cultures!  
◆TEEN LEADERS are also encouraged to sign up for this seminar.  
*Instructor(s): Gail Roberts, Youth Development Educator; Marie Stafford, 4-H Youth Development Assistant*
- 491 4-H GOES INTERNATIONAL!** **Grades 7-10**  
Go global! Explore global curriculum and opportunities for international travel and hosting with Wisconsin 4-H. Recent 4-H international travelers to Australia, Costa Rica, Finland, Japan, Mexico, or Norway will share intercultural experiences and fun activities that you can take back to your club. How can you be part of this great adventure in 2012?  
*Instructor(s): Mary Crave, Global Network Project Director and International 4-H Youth Exchange (IFYE) alumna to Sri Lanka; Nolan Lendved, 4-H Int'l Assistant; Cayla Hantzsch, Sauk Co. delegate to Finland; Alyssa Hantzsch, Sauk Co. delegate to Norway; other alumni.*

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# Wednesday All Day

## Science, Technology, Engineering, & Math

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### 516 A TECHNOLOGICAL TREASURE HUNT

**Grades 7-10**

Learn how to enter waypoints and use coordinates to navigate with GPS units. Participate in a "Technological Treasure Hunt." Learn how GPS can be applied to 4-H projects and about careers that use GPS units. Alternate activities are planned in case of inclement weather.

*Instructor(s): Gail Roberts, Jefferson Co. 4-H Youth Development Educator*

### 535 CREEKS, CRITTERS & COWS

**Grades 7-10**

Our group will visit two stream locations in western Dane County and southern Sauk County to see how land use affects the quality and health of our water resources. You will be putting on hip boots and getting into these creeks to explore the stream habitat, water quality and aquatic insect and fish populations to sample and measure stream health. We will break for lunch at Festge County Park. In the afternoon we will visit another stream to do an aquatic habitat assessment and also see how farm practices can help protect stream health. Please wear tennis shoes and clothes for field work.

*Instructor(s): Mindy Habecker, Community Devel/Natural Resource Educator; Kris Stepenuck, WI Volunteer Stream Mon Coord*

## Healthy Living

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### 536 WISCONSIN FISHING

**Grades 7-10**

Fisheries and Habitat Department of the Wisconsin DNR (Department of Natural Resources) education staff or volunteers will provide an opportunity to learn more about fish, their habitats, basic fishing techniques and how the DNR works with citizens to maintain fishing opportunities in Wisconsin. You will have an opportunity to fish, so please bring a current Wisconsin fishing license (required if you are 16 years or older). All fishing equipment will be provided by the DNR. Wear comfortable clothing; bring sunscreen, a hat, water bottle and sunglasses (or rain gear!). We might even visit a hatchery if time permits. PLAN B: We'll stay at the Fish Hatchery and do Fish Printing, Casting clinics & games and take a more in depth look at Wisconsin's most popular game fish.

*Instructor(s): DNR Angler Education Assistant*

### 552 ROCK CLIMBING AT DEVIL'S LAKE STATE PARK Fee: \$30

**Grades 7-10**

Try out something new - rock climb at Devil's Lake State Park for a day! Join Jessica Jens, Environmental Education Specialist, and Sauk County 4-H Rock Climbing project leaders for an exciting day of rock climbing at the best place for rock climbing in the Midwest. No experience is needed and all equipment is provided. All you need to bring is your enthusiasm, a backpack and two bottles full of water. Other recommended items are sunscreen, bug spray, bandana and camera. Hiking boots are recommended for the hike to the climbing site, but please bring along a pair of close-fitting shoes (i.e. running shoes) to aid in climbing.

*You must complete, sign and submit a Devil's Lake Rock Climbing Seminar Liability Form to your County 4-H Office with your registration for this seminar.*

*Instructor(s): Jessica Jens, Upham Woods Outdoor Learning Center Director and 4-H Environmental Education Specialist*

### 563 CANOE TRIP

**Fee: \$45**

**Grades 7-10**

After basic instruction (see basic canoeing), a full-day canoe trip starting at the Memorial Union (center of UW-Madison), paddling to University Bay marshes, scenic Picnic Point, Frautschi's Point and beyond as time allows. This is a chance to view Madison from the water and explore the shoreline of the University. Instruction is provided by Hoofers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen, appropriate clothes to wear in the water (such as shorts, shoes to get wet, and a T-shirt along with a windbreaker in case it's cool or raining), along with dry, warm clothes and shoes for land. A towel and a strap for

(Wednesday all day, cont'd.)

your glasses or sunglasses are also encouraged. Avoid sweat shirts and jeans. Lifejacket is provided. Have fun in the water as you develop your canoeing skills. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*

*Instructor(s): UW-Hoofers Staff*

## Arts & Communication

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- 583 WONDERFUL WOOL!** **Fee: \$8** **Grades 7-10**  
Wool. It's not just for sweaters anymore! In this seminar you will see where wool comes from and the amazing things you can do with it. You will learn the basics of knitting and be on your way to a rewarding 4-H project and life-long hobby. Wool yarn and needles will be provided and will be yours to keep. Participants will also try dyeing yarn, wet felting and learn how to recycle and reclaim wool for new projects (yes – we can even “go green” with our wool!).  
*Instructor(s): Jo Wickler-Bley*
- 585 BASKETRY** **Fee: \$9** **Grades 7-10**  
A very useful basket! This is a perfect class for a beginner or intermediate weaver! Using a variety of techniques, colors and material that will be provided, you will create a distinctive basket of your own. This basket is begun by creating your own woven rectangle base. You will continue by upsetting the spokes to create the tote walls, create and lash your rim and finally uses shaker tape to make a strap or handles to finish your basket.  
*Instructor(s): Amanda Kostman/4-H YD Program Advisor; Lisa Woelbing/Raymond 4-H Basketry Leader; Laura Field/Raymond 4-H Basketry Jr. Leader*
- 589 CREATING ROCK AND ROLL MUSIC WITH ISAAC AND JOSEPH** **Grades 7-10**  
Join our dynamic and long-time Wisconsin 4-H & Youth Conference performers Isaac and Joseph in a session designed to “get you rockin & rollin!” You will work with Isaac and Joseph to create your own music and discover ways to help you be a better performer and singer. May have the opportunity to do a group performance at the Talent Show on Wednesday night. Must have some vocal and/or instrumental experience. Please feel free to bring your instrument with you to class as it may or may not be used for training/performance.  
*Instructor(s): Isaac Dillard and Joseph Earls, Professional Musicians*
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# Wednesday Morning

## Service Learning

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- 180 OPERATION MILITARY KIDS** **Grades 7-10**  
Did you know that almost 15,000 young people in the state of Wisconsin have a parent in the military? Imagine your birthday, holidays, band concerts or sports games without your parent there, or even not being able to hang out together. That is a reality for many families experiencing the absence of a parent due to military deployment. Find out what it's really like from teens that have lived it and what you can do to support those experiencing it now. Create components that will be put in Hero Packs, backpacks honoring the young people who serve at home while their parent serves overseas, and learn about what you can do in your community.  
*Instructor(s): Laura Pettersen*

## Science, Technology, Engineering, & Math

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- 612 SHARING SCIENCE BY CREATING EXPLORATION STATIONS** **Grades 7-10**  
Experience science as exploring the unknown at a series of hands-on Exploration Stations. Then learn ways of sharing science with others by designing, building your own prototype Exploration Station in the Invention space at the Biotech Center. See <http://biotech.wisc.edu/outreach/>.  
◆TEEN LEADERS are encouraged to sign up for this seminar.  
*Instructor(s): Tom Zinnen, Outreach Program Manager*

(Wednesday morning, cont'd.)

**624 INTRODUCTION TO WORKING WITH STEM CELLS**

**Grades 9-10**

Come and explore how researchers grow stem cells and use the cells in basic research to figure out how cells develop into tissues and organs. Working in our Teaching Lab, you will learn some of the techniques used to feed and transfer cells growing in test tubes. Using microscopes you'll get to look at several types of stem cells and see how their shapes change as they differentiate into different types of cells, such as muscle cells and nerve cells. We'll examine ways these cells might be used in regenerative medicine to treat diseases such as diabetes and Parkinson's, and we'll discuss the issues of ethics, safety and privacy.

*Instructor(s): Jordana Lenon, UW-Madison Stem Cell Outreach Specialist*

## Healthy Living

**662 SAILING**

**Fee: \$35**

**Grades 7-10**

Have fun learning to sail. Learn how to launch your boat, find the wind, sail including coming about, and how to land (unless you choose to head off into the sunset). Be prepared to get wet (often from other sailors) and have fun. Instruction is provided by Hoofers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen, appropriate clothes to get wet and swim in (such as shorts, shoes/sandals are required, and a T-shirt, a windbreaker in case it's cool or windy), and dry, warm clothes and shoes for land. A strap for your glasses or sunglasses is encouraged. Avoid sweat shirts and jeans. Lifejacket is provided. For both the total beginner and those who have sailed before. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*

*Instructor(s): UW-Hoofers Staff*

**664 INTRODUCTORY KAYAKING**

**Fee: \$35**

**Grades 7-10**

Learn kayaking boating basic skills including parts of a kayak, adjusting the boat to fit the paddler, forward stroke, sweep stroke, bracing stroke (how not to tip over), T-rescue (how to rescue someone who's flipped over), and wet exit (what to do when you do tip over) as you enjoy the outdoors. Instruction is provided by Hoofers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen and appropriate clothes to wear in the water (such as shorts, shoes to get wet—no sandals without heels, a T-shirt along with a windbreaker in case it's cool or raining), and dry, warm clothes and shoes for land with a towel. Avoid sweat shirts and jeans. Lifejacket is provided. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*

*Instructor(s): UW-Hoofers Staff*

**671 PIZZA WITH PIZZAZZ**

**Fee: \$5**

**Grades 7-10**

Participants will explore a variety of healthy and unique ways of preparing nutritious pizzas by creating and baking unique pizza recipes. This is a hands-on and very exciting seminar and you even get to EAT your creations!

*Instructor(s): Dawn Loomis-Vierck, 4-H Foods & Nutrition Leader*

## Arts & Communication

**680 TAKE BETTER PICTURES! INTRO TO PHOTO COMPOSITION**

**Grades 7-10**

Learn the basics of photo composition. You'll see how five simple composition rules will make your photos a hundred times better! Then you'll practice your new photo skills during a photo walk on the UW-Madison Campus. You must bring a 35mm or digital camera to this seminar, and a new roll of 24- or 36-exposure color print film if you are not using digital. Open to all delegates.

◆TEEN LEADERS are encouraged to sign up for this seminar.

*Instructor(s): Wayne Brabender, Professional Photographer and WI 4-H Photography Specialist, ret.*

**684 CARD MAKING & STAMPING**

**Fee: \$5**

**Grades 7-10**

If you have ever wanted to make your own cards, this is the class for you. Make creative cards with a variety of fun products, including buttons, die cuts, stickers, and more. You'll also learn versatile, creative rubber stamping techniques. You'll make two cards and several fun stamping projects to take home. Feel free to bring along some money to shop in the Archiver's store.

*Instructor(s): Michelle Whisner, Manager, Archiver's*

(Wednesday morning, cont'd.)

**688 ART ACTIVITIES THAT ARE FUN TO LEAD**

**Grades 7-10**

Join members of this year's WI 4-H Art Team in hands-on activities that you can lead in your club. Learn about resources and opportunities available in 4-H art.

◆TEEN LEADERS are encouraged to sign up for this seminar.

*Instructor(s): Stephanie Kempe, 2011 WI 4-H Art Team Director; 2011 WI 4-H Art Team Members*

*Developing Multicultural Understanding*

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**691 4-H GOES INTERNATIONAL!**

**Grades 7-10**

Go global! Explore global curriculum and opportunities for international travel and hosting with Wisconsin 4-H. Recent 4-H international travelers to Australia, Costa Rica, Finland, Japan, Mexico, or Norway will share intercultural experiences and fun activities that you can take back to your club. How can you be part of this great adventure in 2012?

*Instructor(s): Mary Crave, Global Network Project Director and International 4-H Youth Exchange (IFYE) alumna to Sri Lanka; Nolan Lendved, 4-H Int'l Assistant; Cayla Hantzch, Sauk Co. delegate to Finland; Alyssa Hantzch, Sauk Co. delegate to Norway; other alumni.*

**693 WALK DOWN THE RED CARPET AND DEBATE HOLLYWOOD HITS**

**Grades 9-10**

View recent film flicks on the big screen and enjoy popcorn! Come prepared to discuss the diversity seen in controversial movie clips from Gran Torino, Freedom Writers, Remember the Titans, Slumdog Millionaire, The Blindside, and more. Through interactive cultural activities, you will discover unique perspectives from others around the state that you can then share at home in your own communities.

*Instructor(s): Annie Lisowski, Buffalo County 4-H & Youth Development Educator*

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# Wednesday Afternoon

*Science, Technology, Engineering, & Math*

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**710 ROBOTICS 101: INTRODUCTION TO PROGRAMMING A ROBOT**

**Grades 7-8**

Have you ever wondered how robots are able to perform so many different jobs? This is your opportunity to find out by actually programming a basic LEGO Mindstorms NXT robot. During this session you will learn basic NXT-G programming skills and how various sensors can be programmed to perform a variety of functions. Through this process you will increase your problem-solving skills to solve real-world problems. This session focuses more on programming rather than on building robots. Please do not bring your own NXT set, you will be provided with a basic robot. This seminar is designed for youth who do not have any previous experience with robotics.

*Instructor(s): Maria Habib, Waukesha County 4-H Youth Development Educator; Judy Wolniakowski, Brown County 4-H Youth Development Agent*

**717 START YOUR ENGINE**

**Fee \$2**

**Grades 7-10**

How does it work? How do I get it started when it doesn't want to start? "Start Your Engines" is a hands-on program where participants will learn the basics of small gas engine operation, maintenance and troubleshooting. Everything you need will be provided, including small engines to work on, tools and spare parts. Be sure to wear suitable clothing for working on engines.

*Instructor(s): Joe Stellato, Shawano County 4-H Youth Development Agent; Jeff Nelson, Senior Research Specialist*

**721 USING COMPUTERS TO UNDERSTAND YOUR BRAIN!**

**Grades 9-10**

Understanding how the brain functions by using computers is a scientific field called Computational Neuroscience. This knowledge is used in Robotics, Artificial Intelligence, as well as understanding how a person thinks, moves, and perceives the world around them. During this seminar, you will be given a brief introduction into the world of Computational Neuroscience, shown a computer environment in which to simulate brain functions, and will build your own computer programs to begin to investigate how our brain works.

*Instructor(s): David Devilbiss, Ph.D., Scientist - UW Psychology*

(Wednesday afternoon, cont'd.)

**723 DISCOVER BIOTECHNOLOGY**

**Grades 7-10**

Work in a state of the art research laboratory. Conduct experiments using the tools of biotechnology. Learn and discuss the impacts of biology research and farming practices.

*Instructor(s): Cheryl Redman, Outreach teacher; Nadia Dominquez, Interim Biotechnology Education Specialist*

*Healthy Living*

**761 KEELBOAT SAILING**

**Fee: \$35**

**Grades 7-10**

Keelboats are some of the largest Sailboats in the Hooper's fleet and can be sailed off shore. Have fun learning to sail by compass. Learn how to chart a course and sail across lake Mendota. Learn how to work together as a team to sail a large Keelboat. Find the deepest part of the lake using GPS coordinates. Learn how to properly set an anchor when out in deep water (weather permitting.) You will learn the finer aspects of off shore sailing as well as practicing overboard drills. Bring sunscreen, swim attire (such as shorts and a T-shirt along with a windbreaker in case it's cool), dry, warm clothes for land with a towel, and sunglasses and croakies for any glasses. Avoid sweat shirts and jeans. Lifejacket is provided. This is for both the total beginner and those who have sailed before. Prepare to have fun getting wet. *You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*

*Instructor(s): UW-Hoofers Staff*

**762 SAILING**

**Fee: \$35**

**Grades 7-10**

Have fun learning to sail. Learn how to launch your boat, find the wind, sail including coming about, and how to land (unless you choose to head off into the sunset). Be prepared to get wet (often from other sailors) and have fun. Instruction is provided by Hoopers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen and appropriate clothes to get wet and swim in (such as shorts, shoes/sandals are required, a T-shirt, a windbreaker in case it's cool or windy), and dry, warm clothes and shoes for land. A strap for your glasses or sunglasses is encouraged. Avoid sweat shirts and jeans. Life jacket is provided. For both the total beginner and those who have sailed before. *You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*

*Instructor(s): UW-Hoofers Staff*

**763 BASIC CANOEING**

**Fee: \$35**

**Grades 7-10**

Learn to develop basic canoeing skills with a partner. Topics covered include tandem canoe design and use; basic canoe strokes, high and low braces along with getting in and landing canoes, and how to deal with wind and waves. Participants will get to practice these strokes in the bow and stern. As weather permits, a trip along scenic Lake Mendota will allow a chance to further explore the outdoors. Instruction is provided by Hoopers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen, appropriate clothes to wear in the water (such as shorts, shoes to get wet, a T-shirt, a windbreaker in case it's cool or windy), and dry, warm clothes and shoes for land with a towel. Avoid sweat shirts and jeans. Lifejacket is provided. Have fun on the water as you develop your canoeing skills. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*

*Instructor(s): UW-Hoofers Staff*

**764 INTRODUCTORY KAYAKING**

**Fee: \$35**

**Grades 7-10**

Learn kayaking boating basic skills including parts of a kayak, adjusting the boat to fit the paddler, forward stroke, sweep stroke, bracing stroke (how not to tip over), T-rescue (how to rescue someone who's flipped over), and wet exit (what to do when you do tip over) as you enjoy the outdoors. Instruction is provided by Hoopers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen, appropriate clothes to wear in the water (such as shorts, shoes to get wet—no sandals without heels, a T-shirt, a windbreaker in case it's cool or raining), and dry, warm clothes and shoes for land with a towel. Avoid sweat shirts and jeans. Lifejacket is provided. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted.*

*Instructor(s): UW-Hoofers Staff*

(Wednesday afternoon, cont'd.)

- 765 WINDSURFING** **Fee: \$35** **Grades 7-10**  
Learn the basics of windsurfing including theory, balance development, launching, and sailing in a straight line. Instruction is provided by Hoofers outdoor recreation staff on the University of Wisconsin-Madison campus on Lake Mendota. Bring sunscreen and swim attire (such as shorts and a T-shirt along with a windbreaker in case it's cool), dry, warm clothes for land with a towel, and sunglasses and croakies for any glasses. Avoid sweat shirts and jeans. Lifejacket is provided. This is for both the total beginner and those who have sailed before. Prepare to have fun getting wet. *Alternate activities are planned for bad weather. You must complete, sign and submit a Liability Waiver Form to your County 4-H Office with your registration for this seminar. Participants must be able to swim 50 yards unassisted*  
*Instructor(s): UW-Hoofers Staff*
- 771 PIZZA WITH PIZZAZZ** **Fee: \$5** **Grades 7-10**  
Participants will explore a variety of healthy and unique ways of preparing nutritious pizzas by creating and baking unique pizza recipes. This is a hands-on and very exciting seminar and you even get to EAT your creations!  
*Instructor: Dawn Loomis-Vierck, 4-H Foods & Nutrition Leader*
- 773 GET READY, GET SET, GO COLLEGE!** **Grades 9-10**  
Start preparing for life after high school now. Learn about the courses to take in high school to be successful in college; scholarship and financial aid available to make college affordable; and how to research and find the college that is the best fit for you. Participate in this interactive session where you will complete some of the first steps needed to prepare for your future.  
*Instructor: Brooke Konopacki, Vice President for Student Access*
- 774 CAREER DEVELOPMENTS: PATHWAY TO SUCCESS** **Grades 7-10**  
Before you know it, you'll find yourself applying for leadership opportunities, scholarships, and jobs. This interactive session will have two distinct parts - first you will learn the importance of putting your best foot forward where you will learn how to make a positive impression (we will take an up close and personal look at dress, grooming, and accessorizing). The second part of this session will focus on writing skills in completing job applications and finally the art of interviewing. Caution: You may leave this session with newfound confidence.  
*Instructor: Colleen Pulvermacher, Vernon County 4-H Youth Development Educator*

## Arts & Communication

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- 781 SCRAPBOOKING** **Fee: \$9** **Grades 7-10**  
If you are new to scrapbooking or just want to see what it's all about, this class explains the different styles of scrapbooking; how to keep your photos safe in a scrapbook; and discuss the pros and cons of different products. You'll create your own scrapbook page using a variety of fun products. Feel free to bring along some money to shop in the Archiver's store.  
◆TEEN LEADERS are encouraged to sign up for this seminar.  
*Instructor: Michelle Whisner, Manager, Archiver's*
- 788 GET INTO THE ACT** **Grades 7-10**  
Theatre Arts Activities and a wide variety of drama games will be shared by the director and members of this year's WI 4-H Drama Company at this workshop. Participants will learn and be involved in character, voice, movement, and improvisation activities that will help in school, 4-H, and forensics. All participants will learn about materials to use with youth in grades K-12 in their home counties.  
◆TEEN LEADERS are encouraged to sign up for this seminar.  
*Instructor(s): Jay Johnson, 2011 WI 4-H Drama Company Director; 2011 WI 4-H Drama Company Members*
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