2019 SANTA CRUZ FORESTRY CHALLENGE

SCHEDULE OF EVENTS

Wednesday, October 9, 2019

4:00 to 5:30  Registration
5:30 to 6:30  Dinner
7:00 to 8:15  Welcome and Focus Topic Question Presented / Q&A
8:30 to 9:45  Evening Social Time – Campfire and Night Hike
10:00   Report to Cabins

Thursday, October 10, 2019

8:00 to 8:45  Breakfast
8:45 to 9:00  Assemble for Field Training
9:05 to 12:00  Field Training
12:00 to 1:00  Lunch
1:00 to 1:15  Gather for Fieldtrip
1:15 to 5:00  Fieldtrip
5:30 to 6:30  Dinner
6:30 to 10:30  Teams Prepare Presentations / Ask a Forester” Appointments
10:45   Report to Cabins

Friday, October 11, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Teams 1-16</th>
<th>Teams 17-25</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 to 9:00</td>
<td>Breakfast</td>
<td>Free Time</td>
</tr>
<tr>
<td>9:00 to 9:25</td>
<td>Gather for Field Testing</td>
<td>School Photos and Pacing Contest</td>
</tr>
<tr>
<td>9:30 to 12:00</td>
<td>Field Testing</td>
<td></td>
</tr>
<tr>
<td>12:00 to 1:00</td>
<td>Lunch</td>
<td>Field Testing</td>
</tr>
<tr>
<td>1:00 to 1:30</td>
<td>Group Photo</td>
<td></td>
</tr>
<tr>
<td>1:30 to 1:55</td>
<td>School Photos and Pacing Contest</td>
<td>Gather for Field Testing</td>
</tr>
<tr>
<td>2:00 to 4:30</td>
<td>Free Time</td>
<td>Field Testing</td>
</tr>
<tr>
<td>5:00 to 5:15</td>
<td>Field Test Review</td>
<td></td>
</tr>
<tr>
<td>5:30 to 6:30</td>
<td>Dinner</td>
<td></td>
</tr>
<tr>
<td>7:00 to 9:30</td>
<td>Teams Finish Preparing Presentations</td>
<td></td>
</tr>
<tr>
<td>9:30 to 10:30</td>
<td>Campfire / Night Hike / Stargazing</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Report to Cabins</td>
<td></td>
</tr>
</tbody>
</table>

Saturday, October 12, 2019

8:00 to 9:00  Breakfast, Pack, Clean cabins
8:15 to 9:00  Judges Orientation
9:15 to 11:10 Teams Report to Holding Area or Give Presentations
11:20 to 11:45 Judging Panel Feedback to Students
11:45 to 12:00 Awards
12:00   Lunch and Farewell
## 2019 Santa Cruz Forestry Challenge Participants

<table>
<thead>
<tr>
<th>School</th>
<th>County</th>
<th>Advisor(s)</th>
<th>Team #’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amador</td>
<td>Amador</td>
<td>Ryan Mendosa</td>
<td>1, 2</td>
</tr>
<tr>
<td>Coalinga</td>
<td>Fresno</td>
<td>Jennifer Lucero</td>
<td>3, 4</td>
</tr>
<tr>
<td>Del Oro</td>
<td>Placer</td>
<td>Nic Russo</td>
<td>5</td>
</tr>
<tr>
<td>Golden Valley</td>
<td>Kern</td>
<td>Jennifer Yamauchi</td>
<td>6, 7, 8</td>
</tr>
<tr>
<td>Granada Hills</td>
<td>Los Angeles</td>
<td>Wendy Hagan</td>
<td>9, 10</td>
</tr>
<tr>
<td>Hoover</td>
<td>Fresno</td>
<td>Anna Demaree</td>
<td>11</td>
</tr>
<tr>
<td>Minarets</td>
<td>Madera</td>
<td>Richard Chapman</td>
<td>12</td>
</tr>
<tr>
<td>Monache</td>
<td>Tulare</td>
<td>Amanda Driver</td>
<td>17, 18</td>
</tr>
<tr>
<td>Napa New Tech</td>
<td>Napa</td>
<td>Angelene Warnock</td>
<td>13</td>
</tr>
<tr>
<td>Ridgeview</td>
<td>Kern</td>
<td>Chelsy Lancaster, Richard Ruiz</td>
<td>14, 15, 16</td>
</tr>
<tr>
<td>Ross</td>
<td>Marin</td>
<td>Blake Schmidt, Gina Fasano</td>
<td>19, 20, 21</td>
</tr>
<tr>
<td>San Lorenzo Valley</td>
<td>Santa Cruz</td>
<td>Dave Debus</td>
<td>22</td>
</tr>
<tr>
<td>Woodside</td>
<td>San Mateo</td>
<td>Ann Akey, Christopher Benner</td>
<td>23, 24, 25</td>
</tr>
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</table>

## Female Housing Assignments

<table>
<thead>
<tr>
<th>Cabin</th>
<th>School(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moore</td>
<td>Coalinga, Hoover, New Tech, Minarets</td>
</tr>
<tr>
<td>Sunshine</td>
<td>Monache, Woodside</td>
</tr>
<tr>
<td>MacArthur</td>
<td>Granada Hills, Golden Valley</td>
</tr>
<tr>
<td>Brookside</td>
<td>Ridgeview, Del Oro</td>
</tr>
<tr>
<td>Retreat Lodge</td>
<td>Ross School</td>
</tr>
</tbody>
</table>

## Shepherd Lodge - Male Housing Assignments

<table>
<thead>
<tr>
<th>Room</th>
<th>School(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room B</td>
<td>Ross School</td>
</tr>
<tr>
<td>Room C</td>
<td>Del Oro, Hoover, Golden Valley, Minarets, Monache</td>
</tr>
<tr>
<td>Room D</td>
<td>Woodside</td>
</tr>
<tr>
<td>Room G/F</td>
<td>San Lorenzo Valley</td>
</tr>
<tr>
<td>Room H</td>
<td>Amador</td>
</tr>
<tr>
<td>Room I</td>
<td>Ridgeview, Coalinga, Granada Hills</td>
</tr>
</tbody>
</table>

Retreat Lodge, Left Side  
Diane and Staff  
530-417-1960
The Tom Eustis Memorial Award for Teaching Excellence was established in 2006 to honor Thomas McLoughlin Eustis. Tom was born February 7, 1958 and passed away July 8, 2006. Tom graduated from Piedmont H.S. in 1976; Cal Berkeley with a B.S. in Forestry in 1981 and in 1984 received his Masters of Forestry from Oregon State. He worked for the U.S. Forest Service where he spent time fighting fires. He earned his teaching credential through Project Pipeline, and taught at C.K. McClatchy High School in Sacramento from 1999 to 2006. He was the coordinator of their Fire Science Program for five years, and participated in the California Forestry Challenge as a Team Advisor in 2003 and 2005. He was a dedicated supporter of the Forestry Challenge, and always a pleasure to have as a participant. Tom’s positive attitude and laid back style will be missed.

**Award Recipients:**

2006 – Scott Meyers, Grant High School  
2007 – Katie Alling, Nevada Union High School  
2008 – Larry Wright, Rio Vista High School  
2009 – Christie Jouaneh, Napa New Tech High School  
2010 – Suzanna Johnson, Colfax High School  
2011 – Shannon Clark, Argonaut High School  
2012 – Tony White, Elk Grove High School  
2013 – Dr. Miriam Kaplan, Soquel High School  
2014 – Carol Germano, Anderson New Tech High School  
2015 – Angela Metcalfe, Anaheim High School  
2016 – Randy Lund, Tulelake High School  
2017 – Arron White, Grant High School  
2018 – Senna Vasquez, Christine Baker, Jerry Huang, Sac New Tech High School

**Pacing Contest**

The goal of this contest is to pace a 66 foot distance without the use of any measuring device. To practice for this contest, mark a 66 foot distance on a sidewalk or parking lot. Stand with your heels on one line and walk with a comfortable step until your toes touch the other line. Once you know how many steps (or paces) you walk, try it without the lines. Then, measure your distance to see how close you are. Note: you will need to know how to do this anyway in order to measure trees using only a Biltmore stick.

Each school will be given two pin flags marked with their school name. Each school gets one entry, and the students will work without assistance from their teachers. The school that can pace a distance closest to 66 feet (either over or under 66 feet) wins the contest, and takes possession of the coveted “board foot” perpetual trophy.

The Pacing Contest will be during free time on Friday.
Santa Cruz Forestry Challenge Champions
2010 – Cypress Charter High School, Santa Cruz
2011 – Trinity High School, Weaverville
2012 – Ponderosa High School APES, Shingle Springs
2013 – Argonaut High School, Jackson
2014 – Elk Grove High School, Elk Grove
2015 – Franklin High School, Elk Grove
2016 – Benicia High School, Benicia
2017 – El Dorado High School, Placerville
2018 – Granada Hills Charter High School, Granada Hills

Pacing Contest Winners
2011 – Vista del Lago High School, Folsom
2012 – San Lorenzo Valley High School, Felton
2013 – SOS, Watsonville
2014 – Anaheim High School, Anaheim
2015 – Health Professions, Sacramento
2016 – Soquel High School, Soquel
2017 – Reedley High School, Reedley
2018 – Littlerock High School, Littlerock

Forestry Challenge Initiative to Promote College and Career Readiness

Hey Teachers! We’ve done a lot of information gathering recently in order to provide a well-rounded list of college and career options for students to explore in forestry and natural resources. Our website has been updated with a collection of videos about professions in the industry. We continue to publish our College and Career newsletter with information on college programs and career opportunities. We will be sending around a sign-up sheet for students who would like to subscribe. Colleges throughout California have provided informational brochures about their forestry programs that are available to students during events and will be sent home with advisors to be given to each school’s college and career guidance office.

In addition to this, each year, Redwood Empire, a division of Pacific States Industries and the Burch Family, awards scholarships to assist students who plan to obtain a college degree in Forestry and participated in one or more Forestry Challenge events. Recipients must be enrolled in a program that leads to a degree in Forestry or a closely related field. The 2019 recipient of a $2,000 scholarship is Emily Staller, a student at Northern Arizona University pursuing her Bachelor of Science in Forestry.
1. Students enrolled in grades 9 through 12 are eligible to participate. Community college students and 8th graders may participate if the facility can accommodate them, as determined by the FC coordinator.

2. Teams will consist of two to five students from the same school, home school, tribe, or scouting group. More than one team may enter from each school as space permits. There may be a need to restrict the number of students per school, depending on the facility’s capacity.

3. An adult advisor must accompany each team. The advisor can be a teacher, staff member, or approved parent from that school. One advisor can supervise more than one team from the same school, as housing arrangements permit.

4. For schools bringing only one adult, an additional adult of the opposite gender must be available on standby, to insure proper overnight supervision. Schools will be notified the day after the registration deadline if additional adults are required to assure correct ratios.

5. Schools that pre-register by May 31, 2019 will receive a discount on the registration fees listed below. Schools that pre-register after May 31 will be expected to pay the registration fees listed below.

6. A completed registration form (available online) must be received 12 days prior to the start of the event.

7. Registration fee due dates and anticipated amounts are as follows:
   - Shasta FC fees are $110 per person, due September 25
   - Santa Cruz FC fees are $200 per person, due October 9
   - El Dorado FC fees are $120 per person, due October 23
   - San Bernardino FC fees are $160 per person, due November 6

8. Registration fees are due upon arrival to the event and must be paid for each person attending, including teachers and adult chaperones. Fees for advisors’ infants and small children may be modified on a case-by-case basis.

9. Teachers will be asked to use the online registration fee calculator as an indicator of attendance numbers for their school. This form can also be used as an invoice to initiate payment by their district.

10. Registration fee totals will be considered final the Friday before the event begins based on the registration fee calculator or subsequent updates provided to the FC Coordinator.

11. Student substitutions of the same gender are allowed between the Friday prior and up to the start of the event.

12. There will be no refunds for students or advisors who cancel after the Friday before the event, and registration fees for persons who do not attend are non-refundable.

13. 2019 is the last year to use registration fee credits from previous years.

14. Each participant must arrive with all applicable and signed Liability / Medical / Media Release Forms in order to participate. These forms must be turned in at registration or received prior to the event.

15. Only registered participants with signed forms will be allowed on site.

16. Chaperones and students will check in together unless prior arrangements are made with the FC Coordinator.

17. At least one team advisor must always be on site with their students and will be responsible to assure that team members display proper conduct during the event and at the host facility.

18. Participants will report any illness or personal emergency to the Coordinator or designated staff.

19. If participants break or damage property of the FC or the host site, they are responsible for reporting the damage and paying for its repair.

20. All students must attend and fully participate in all scheduled activities.

21. Although advisors must attend all activities in order to properly supervise students, they are not allowed to actively participate in field testing or focus topic presentation preparation.
22. The use of personal electronic devices such as cell phones is restricted to free time or in the case of an emergency. *Recording devices may be used during field training, data collection, and Ask a Forester.*

23. Students must report to and stay in their assigned cabins or dormitories at the designated time at the end of each day. Facility housing will be described in advance, and if it does not meet the needs of one or more students, the advisor must ask for alternate arrangements in advance of the start of the event.

24. No students or advisors are allowed to leave the host site without approval.

25. Tobacco, drugs, and alcohol are prohibited during all parts of the event.

26. Transportation to, from, and during an event will be the responsibility of each participating team unless transportation is provided during an event.

27. The FC has two parts: a Field Test and a Presentation. The two parts will be scored separately. The Field Test will be worth 60% and the Presentation will be worth 40% of the total score.

28. The Field Test is completed as a team and is comprehensive in nature, with many questions using props and tools such as tree specimens and forestry equipment. One test key will be provided for each school at the conclusion of the testing period, to be returned by the end of the testing day. The FC Coordinator or designee will be available to answer questions.

29. Test questions will be devised using the FC Learning Objectives and reference materials linked to the Objectives as a guide but are not necessarily limited to those items. Knowledge of basic ecological concepts and information presented during the field trip and field training may be tested as well.

30. Students will not be allowed to use their own reference materials, *including cellular devices*, during the Field Test. All materials needed during the Field Test, including identification keys, reference materials, *calculators*, and equipment, will be provided at the testing stations.

31. Any and all written and electronic materials teams bring to the event and gather while at the event may be used to prepare the Presentation. Laptop computers will be used, and there will be equal access to wireless internet *when available*. Hotspot devices will be allowed *as determined by the FC Coordinator*.

32. Students will not be allowed to review presentation *materials* once the first presentation period begins and *will* be asked to gather in one area to *wait until their presentation time begins*.

33. Each team’s Field Test and Presentation scores will be totaled, and overall place awards will be given accordingly. All participants will receive a Certificate of Participation.

34. Students may attend more than one regular event during the fall season. If a team with one or more repeating students places in the top 5, that team will not displace a team that is competing for the first time that season.

35. Students and advisors will be asked to complete an evaluation form at the conclusion of the event.

36. Grievances must be submitted in writing to the FC Coordinator by the end of the review period immediately following the Field Test or the Presentation portion of the event. Grievances will be reviewed by the Coordinator and discussed with involved judges and/or volunteers. The Coordinator’s decisions are final.

37. FC rules are subject to change by the Coordinator. Any and all changes will be explained in advance to all teams and advisors.

38. *Host site/facility rules will be enforced in addition to FC Rules.*

39. Any infraction of any of the FC Rules could result in disqualification and/or dismissal from the event and the host site.

*2019 updates to the rules are italicized and underlined*
A Note About our Sponsors:

In addition to the sponsors on the front cover of this booklet, many more companies, organizations, and individuals contributed. They are:

California Forestry Association
Crane Mills
CTL Forest Management
Emerson Logging
Hancock Forest Management

Integrated Forest Management
Matt Waverly
Placer County RCD
Rich Wade
Sierra Resource Management

Thank You to the 2019 Santa Cruz Forestry Challenge Volunteers

Without volunteers, the Forestry Challenge simply wouldn’t happen. Here are the individuals who gave their time and expertise for this event:

Alexis Draffan
Andy Hubbs
Angela Bernheisel
Anita Falltrick
Betty Self
Bob Berlage
Bob Broderick
Bob Pinto
Cecilia Pinto
Charlie Hiles
Chris Dias
Cole Jarvis
Dan Cullinane
David Van Lennep
Dennis McCorkle
Harlan Tranmer
Jennifer Mutch

John Nicoles
Johnson Boothby
Justin Barker
Kelsy Sozzi
Kristy Peterson
Madison Pierce
Mark Mueller
Miriam Kaplan
Rich Sampson
Rika Piercy
Salvatore Deguara
Sharon Halcomb
Steven Daus
Sydney Johnson
Thom Sutfin
Victoria Thek
EXPANDED SCHEDULE FOR WEDNESDAY

Wednesday, October 9, 2019

4:00 to 5:30   Registration – Miller Hall
5:30 to 6:30   Welcome from Redwood Glen Staff, Dinner – Dining Hall
7:00 to 7:10   Welcome – Smith Dining Hall
               ❖ Please gather by 6:50
               ❖ Bring Focus Topic Question, Paper, and Pencils

7:10 to 8:15   Focus Topic Question presented
8:30 to 9:45   Campfire / Night Hike
10:00          Report to Cabins
10:30          Lights Out
EXPANDED SCHEDULE FOR THURSDAY

Thursday, October 10, 2019

8:00 to 8:45  Breakfast – Smith Dining Hall
8:45 to 9:00  Gather for Field Training outside Dining Hall
  ❖ Bring Training Worksheet, Clipboards, & Water Bottle
  ❖ Wear pants and boots
  ❖ Use restroom after breakfast
9:05 to 12:00  Field Training
12:00 to 1:00  Lunch – Smith Dining Hall
1:00 to 1:15  Gather for and Travel to Fieldtrip
1:15 to 5:00  Field Trip – Data Collection
  ❖ Bring Focus Topic Question, Camera, Paper,
    Clipboards, and Water Bottle
  ❖ Wear pants and boots
5:30 to 6:30  Dinner – Smith Dining Hall
6:30 to 10:30  Students Prepare Presentations – Smith Dining Hall
  ❖ Laptops should be used - wireless available
  ❖ Students should not leave Dining Hall without
    permission
7:05 to 7:10  Introduction of “Ask a Foresters” in Dining Hall
7:20 to 9:30  Ask a Forester appointments
  Schedules will be handed out at 7:00
10:30  Report to Cabins
10:45  Lights out
New! This year, we are trying a new training schedule.

We will have two training tracks, A & B, that your team will divide between. Try to split each team as evenly as possible between the two training tracks. The tracks are as follows:

**Track A**
- CA Forest Types, Tree ID, Characteristics of local timber species
- Dichotomous Plant Keys
- Volume Tables, Market Values
- Increment Borer, Site Index

**Track B**
- Diameter tape, clinometer, Biltmore stick
- Angle gauge, Limiting distance table, stocking table
- Maps
- Compass, Pacing

- Teams should assemble in front of the Dining Hall no later than 9:00.
- Training worksheets and schedules will be handed out just prior to training.
- Wear long pants and close-toed shoes.
- Bring your clipboard, calculator, and forestry tools.
- You may bring study materials and paper with you for taking notes.

**2019 SANTA CRUZ FORESTRY CHALLENGE**
**“ASK A FORESTER” NOTES AND GUIDELINES**

- Ask a Forester schedules will be available Thursday evening before appointments begin.
- Arrive a few minutes before your scheduled appointment time.
- Appointments are 20 minutes in length.
- Bring any materials with you that will help make your appointment productive.
- Any number of team members may go to the appointment.
- Advisors may not go to the appointment.
## EXPANDED SCHEDULE FOR FRIDAY

**Friday, October 11, 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Teams 1-16</th>
<th>Teams 17-25</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 to 9:00</td>
<td>Breakfast</td>
<td></td>
</tr>
<tr>
<td>9:00 to 9:25</td>
<td>Gather for Field Testing and Travel to Testing Stations</td>
<td>Free Time - 9:00 to 11:30</td>
</tr>
<tr>
<td>9:30 to 12:00</td>
<td>Field Testing</td>
<td>Pacing Contest and School Photos - 11:30 to 12:00</td>
</tr>
<tr>
<td>12:00 to 1:00</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>1:00 to 1:30</td>
<td>Group Photo</td>
<td></td>
</tr>
<tr>
<td>1:30 to 1:55</td>
<td>Pacing Contest and School Photos - 1:30 to 2:00</td>
<td>Gather for Field Testing and Travel to Testing Stations</td>
</tr>
<tr>
<td>2:00 to 4:30</td>
<td>Free Time - 2:00 to 4:30</td>
<td>Field Testing</td>
</tr>
<tr>
<td>5:00 to 5:15</td>
<td>Test Keys handed out and reviewed at Picnic Tables</td>
<td></td>
</tr>
<tr>
<td>5:30 to 6:30</td>
<td>Dinner – exact time TBD</td>
<td></td>
</tr>
<tr>
<td>7:00 to 9:30</td>
<td>Teams Finish Preparing Presentations – Smith Dining Hall</td>
<td>At 9:30 all teams must turn in their laptops</td>
</tr>
<tr>
<td>9:30 to 10:30</td>
<td>Campfire and Optional Night Hike/Stargazing</td>
<td></td>
</tr>
<tr>
<td>10:30</td>
<td>Report to Cabins</td>
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</tr>
</tbody>
</table>
## FRIDAY FIELD TESTING ROTATION SCHEDULE

### Morning

<table>
<thead>
<tr>
<th>Time</th>
<th>Station</th>
<th>Teams</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 to 10:02</td>
<td>Playing Field</td>
<td>1 - 4</td>
</tr>
<tr>
<td>10:10 to 10:42</td>
<td></td>
<td>13 - 16</td>
</tr>
<tr>
<td>10:50 to 11:22</td>
<td></td>
<td>9 - 12</td>
</tr>
<tr>
<td>11:30 to 12:02</td>
<td></td>
<td>5 - 8</td>
</tr>
<tr>
<td>10:10 to 10:42</td>
<td>Knoll</td>
<td>5 - 8</td>
</tr>
<tr>
<td>10:50 to 11:22</td>
<td></td>
<td>1 - 4</td>
</tr>
<tr>
<td>11:30 to 12:02</td>
<td></td>
<td>13 - 16</td>
</tr>
<tr>
<td>10:10 to 10:42</td>
<td>Log Pile</td>
<td>9 - 12</td>
</tr>
<tr>
<td>10:50 to 11:22</td>
<td></td>
<td>5 - 8</td>
</tr>
<tr>
<td>11:30 to 12:02</td>
<td></td>
<td>1 - 4</td>
</tr>
<tr>
<td>10:10 to 10:42</td>
<td>Campfire</td>
<td>13 - 16</td>
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<tr>
<td>10:50 to 11:22</td>
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<td>9 - 12</td>
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<tr>
<td>11:30 to 12:02</td>
<td></td>
<td>5 - 8</td>
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### Afternoon

<table>
<thead>
<tr>
<th>Time</th>
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<th>Teams</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 to 2:32</td>
<td>Playing Field</td>
<td>17, 18, 22</td>
</tr>
<tr>
<td>2:40 to 3:12</td>
<td></td>
<td>23 - 25</td>
</tr>
<tr>
<td>3:20 to 3:52</td>
<td></td>
<td>BYE</td>
</tr>
<tr>
<td>4:00 to 4:32</td>
<td></td>
<td>19 - 21</td>
</tr>
<tr>
<td>2:40 to 3:12</td>
<td>Knoll</td>
<td>19 - 21</td>
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<tr>
<td>3:20 to 3:52</td>
<td></td>
<td>17, 18, 22</td>
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<tr>
<td>4:00 to 4:32</td>
<td></td>
<td>BYE</td>
</tr>
<tr>
<td>3:20 to 3:52</td>
<td>Log Pile</td>
<td>BYE</td>
</tr>
<tr>
<td>4:00 to 4:32</td>
<td></td>
<td>19 - 21</td>
</tr>
<tr>
<td>4:00 to 4:32</td>
<td>Campfire</td>
<td>23 - 25</td>
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<tr>
<td></td>
<td></td>
<td>BYE</td>
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<tr>
<td></td>
<td></td>
<td>17, 18, 22</td>
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</tbody>
</table>

### Important Information about Field Testing:

* Testing stations will be 32 minutes each with 8 minute rotations in between.
* Teachers will travel in the same rotation with their team, but may not interact with team members at any time during the testing periods. They may, however, look at a copy of the test, provided by the person in charge of the test station.
* Teachers need to be aware of the route to the next station and will be responsible for getting their group of students there on time.
* Teams cannot use notes, written materials, or forestry tools except those given to them at the stations.
* Teams are responsible for bringing their own clipboard.
* Students will return all tools before moving to the next testing station.

At the end of the afternoon test session, one Test Key will be given to each team for review and students will have an opportunity to revisit the stations if there are any questions. The test keys are due back Friday at 9:30 pm.
EXPANDED SCHEDULE FOR SATURDAY

Saturday, October 12, 2019

Before 9:00   Pack up rooms and cabins, sweep, and take out trash

8:00 to 9:00  Breakfast

8:15 to 9:00  Judges Orientation – Miller Hall  
              ❖ For Judges and Timekeepers only

9:15 to 11:10 ALL TEAMS - Report to Holding Area (Miller Hall) or first round of presentations  
              ❖ Presentation room assignments distributed Friday evening.  
              ❖ All teams must complete thank you notes and evaluation forms before leaving holding area.

11:20 to 11:45 Judging Panel Feedback to Students – Amphitheatre or Smith Hall

11:45 to noon  Awards – Amphitheatre or Smith Hall

Noon         Lunch and Farewell

Notes:
* If your presentation time is not suitable, you are free to trade with another team if both agree. Just let me know.
* Teachers and parents may listen to their own team’s presentation(s) but may not listen to other teams.
* Each presentation location will have three judges, one of whom will serve as timekeeper and room monitor.
* The timekeeper will start timing when the presentation begins and show a 5 and a 1 minute warning card. The timekeeper will stop the presentation when time is up, even if the team is not finished.
* The timekeeper will time the 5 minute question and answer period, with a 1 minute warning.
* Teams will be able to keep their presentation materials. We encourage teams to give their presentations at school and in the community.
* All teams will attend a review session from 11:20 to 11:45, where the judges will provide feedback to the teams, after which the awards will be presented.
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