

ORSC Full Meeting -Agenda

November 30, 2016 at 7:00pm ORHS Conference Room 120

Present: Maggie Morrison, Mary Caulfield, Kristin Houle, Damion Woodard, Nell Neil, Sarah Larson-Dennen, Judy Fahnstock, Shelley Mitchell, Tracy Schroeder, John Carroll, Barry Kaplan, Cristina Dolcino, MaryEllen Webb,

Attended late after School Board meeting: Sue Caswell, Doris Demers, Dennis Harrington

I. Call to Order 7:03pm Motion: Barry Second: Shelley

II. Introductions- introductions made

III. Preliminary Actions

A. Approval of Agenda: Motion: MaryEllen Second: Cristina

B. Approval of Minutes of May 4, 2016 motion: MaryEllen second: Nell

C. Correspondence/Announcements

1. Powder Major Farm and Forest initiative - Society for the Protection of NH Forests. Feast for the Forest event, hosted by ORHS Sus Club, Dec. 9th 6-8:30pm, ORHS John- people from all over the state have been donating money to this project and to other projects around the state. People who live in our area will benefit from this land.
2. Cristina shared an email from Cindy Jones, OR community member, about Eversource's proposal of laying down of "pipes/lines" across the Great Bay/Little Bay to carry electricity south. Cindy also went into Jon Bromley's class to talk to the Sus Club class about this project. Maggie will send out information.
3. Shelley passed on a hello from Brian Taetzsch, who is looking for a job. He asked that any job prospects be sent his way!

IV. Expenditures and request for purchases

A. Request for funds by staff- no requests

V. Discussion/Updates

1. School Board Representative- Dan is attending the School Board budget meeting.
2. Green Team Leader to replace Mary- Mary will email the MS parents who have volunteered about the GT leader position.
3. UNH Intern, Damian Woodard-not too new to update about Ecological Footprint other than new data is being incorporated.
Damion will contact Jim Rozycki about Jim's request to research the potential choices for Alternative Energy Sources
4. Green Team Leaders and Clubs-
All GT leaders met with Jim Rozycki about the PR materials available from Aramark (the District's supplier of "green" cleaning materials). Kristin and Maggie will look at dates for a springtime "green" celebration. Materials are available through Aramark "intranet."
Shelley -there are grants available through Aramark. Maggie and Kristin will research this opportunity. Scholarship for HS students will also be investigated.

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Moharimet- Kristin- PTO has been much cleaner this year... dishes, trays, washers, IGOR, unpackaged snacks, collaboration with parent volunteers to inform parents,

*Four 4th grade classes walked the Powder Major Land with a discussion about the choices landowners and citizens have for land use.

The Foss Manufacturing "Ecothrow" program seems to be in limbo right now with no dumpster at MOH. It was removed for repair and hasn't been returned.

Mast Way: Maggie- after a successful introductory presentation about the Foss "Eco-Throw" program the collection the bottles are being collected but there is no bin.

Middle School- Blue Ocean Society beach clean-up took place on November 17th. Seven people from Oyster River participated. Some teachers wanted the trash data from the beach clean-up for use with their instruction.

*It is sad but the Green Bean Team Club has disbanded for this year. For various reasons, attendance to the afterschool meetings decreased.

High School- Sus Club- Maggie- a huge amount of work has gone into the planning of the Powder Major Feast of the Forest on 12-9-16. Strong encouragement for ORSC members to attend (comments of Friday being a tricky night during the holiday season). Four adults are needed to help because students need to be 18 to work in the kitchen (3 offered to help). A raffle with some wonderful prizes is also taking place.

Cristina mentioned that she wished a student had come to the meeting to request help and attendance to the event. Suggestions were given to help promote the raffle even if individuals can't attend and to promote the event to individuals not on social media or in the Schools (posters downtown, teacher rooms, Light-up Durham, HS concessions).

5. Foss Manufacturing - "EcoThrow" is a 3 year old initiative that asks people to collect #1 plastic containers to help reduce the purchasing of plastics from China of Foss's products. A pilot project with HS and MOH began in 2015 to collect plastic bottles. The Mast Way Community also contributed to MOH's bin. In the first year, enough bottles were collected so that Mast Way and MOH each received in the spring of 2016.

Mast Way joined in on the collection in the Fall 2016 at the school (bottle collector) after strong support after Maggie's Staff presentation. Lee transfer center only collects #1 bottles, but no clamshell and egg cartons plastics. It was hoped that the Foss bin would be placed at the Lee Transfer center. MOH's bin has been removed due to it being filled with water and needed repair but has not been returned.

Maggie shared an email she received from Dave Rowell (Foss employee and "point person" for the Ego-cycle). The email stated that Foss Manufacturing is losing money on the collection of #1 plastic containers. It used to be 29 cents a pound and now it is about 5 cents a pound! Dave recommended that the continuation of this program be shifted to the towns. Maggie will copy this email to Mark Milliken, Dennis, and Kerry Fetch, to help identify the next step.

VI. New Business

- A. Discussion of 2016-17 ORSC Initiatives based on the School Board's Charge: To investigate current teaching practices and determine where sustainability is currently being taught in the curriculum. In addition, to create a scope and sequence for topics related to sustainable practices and concepts for PreK-12. Throughout this work, we need to incorporate and synthesize the work being done by the District's Science Committee, recognize the current workload of staff, and include subjects across disciplines and subjects.

Green Ribbon Award application - <http://www2.ed.gov/programs/green-ribbon-schools/applicant.html>

Sub-committee work for 2016-17

* Sarah L-D, Nell, Kristin, Cristina Curriculum sub-committee with Todd Allen's support:
Our plan to date:

- Identify key "sustainability" words for searching through the District's complete standards/learning goals in the Atlas mapping platform.
- Collect data
- Collect "holes" not stated/missed by subcommittee by contacting teachers

Nell- How do we know that what the teachers "add" should be considered a "teacher's favorite" or an important necessary skill/concept/lesson. Why aren't the lessons being added to their instruction not already part of the curriculum in Atlas ?
When working on data collection be sure to identify the activity/standards that were "added" by teachers

Shelley: As ORSC voluntaries we need to be driving our own destiny with the School Board's approval. She's wondering why Dr. Morse has not called to get representation from MS and HS?

John: Let's send a memo to Dr. Morse to ask for representation

Shelley: Nell and I would like to meet with Dr. Morse and discuss with him about how and when teachers will be involved in the search of sustainability work in the curriculum.

Maggie- Their involvement will hopefully have more buy-in by the staff for the significance of this instruction

Sarah- Involving the science committee will hopefully help include sustainability topics across all grades

* Maggie and MaryEllen are working to incorporate civic skills into MW curriculum (civic skills are an element of the Green Ribbon School's pillars)

*Tracy - Wellness Committee has not met yet so she will get back to us about potential involvement/projects

*Maggie- will work with UNH, Andrew Ogdon, and the Summer HS garden coordinator, Christina Felix, to make a gardening plan for next year.

Contact Future Farmers' of America involvement for collaboration

*MaryEllen- school gardens often grow different things each year and maybe publish the needs when volunteers are needed.

*Maggie- plans are to show a movie- on February 16, 2017 (the 17th is the snowdate)
Return of the River - is being considered, people getting back their river from the power plants

*Barry, Nell, Judy - will investigate what the status is on of banning of plastic bags in the Town of York.

Mary- recognized that Mike McGennis, MS custodian, contacted Mary to ask if the lamination plastic that is trimmed off could be recyclable. It is not recyclable but art teacher Deb Hastings uses it in her art instruction. This inquiry showed Mike's conscientious awareness for sustainability. 😊

Maggie: suggested developing "Sustainability Stories" for the ORSC newsletter.

* NH Businesses for Social Responsibility - sponsors Sustainability Slam - winning videos about business's efforts in sustainability are played on NH Public TV
Consider contacting ORHS Video instructor about submitting a video?

B. Identify other ongoing initiatives

1. HS Track waste stream

Kristin- How will we manage/make suggestions? Make a waste center and have the hydration center close by?

Concession stand - maybe eventually talk to Athletic Director Corey Parker

C. Match ORSC member involvement with an initiative 😊

1. Establish timeline with goals- Everyone will try his/her best to offer an update for the January 25th, 2017 meeting

D. Water bottle inquiry

A school board member, Maria Barth, emailed John Carroll to inquire the disparity between the number of plastic bottle beverages bought by the Food Service and the District's purchase/use of hydration stations. The Food Service is organized to be self-supporting so since the District's Title 1 population is so low the food cost is significant and the student purchases of plastic bottles helps bring up her "bottom line."

Doris: this topic was briefly mentioned at the School Board meeting and the discussion will be continued. Approximately, \$50,000 is generated from vending machine, concession stands, and bottle (all kinds of beverages) sales. Other containers for beverages to be placed in has been tried and they are not purchased by the HS students.

Doris also shared "grab and go" containers that she has discovered are compostable. Cristina asked why the "grab and go" is necessary and other questions that attempted to understand the bottom line "need" and food regulations to offer "grab and go" dishes (e.g., milk needs to be a certain amount if served in a glass for it to be counted as a serving)

Nell: Stated that the first R is Reduce and it seems that the HS is now using more plastic. Doris also mentioned that Mark Milliken monitors Igor and without him there would be significant contamination in the recycling/compost waste streams. The worst contamination happens during teacher workshop days when the staff meets at the HS and food is served!

Doris gave a local food purchases update- meat from Sawtelle's in Lee, apples, squash, greens from Three Rivers Collective. She is on track with the spending \$15,000 to purchase from local farmers.

Maggie- offered an idea for the PTO to purchase paper products from Doris to insure compostable paper products. This would help to standardize things for all PTO's.

Doris would be able to order but does need time to order.

E. Paper Usage in District

Mary shared that she met with Josh Olstad, IT Director, to explain the 2015-16 paper usage. The District had 100 printers and copiers and now it is down to 45 printers/copiers. The District is now purchasing Star rated copiers/printers for lowered energy use.

The employee "tag" system (using your badge to activate the printing of a work order) has reduced paper waste. "82,000" copies have been not collected and potentially some of those copies would have been "lost" or never taken.

The District is buying recycled paper... \$40 a box for recycled paper

The copies equate how many trees were "saved" from the purchasing of recycled copier paper.

1 tree equal 16 reams of paper

Duplexing, scanning, shared files - more education needed-time to educate teacher is hard to find

A recycling program through Sharp accepts used toner, etc...

Black and white copies are half a cent and color is 6 cents. Include paper consumption to Eco foot. MOH and Mastway - approximately 1,800 pages/year/student are used. Mary has other approximate data about paper usage.

D. Discussion about the educational outreach events for 2016-17

1. Movie (suggestions below).

* *Beyond the Flood*, Leonardo DiCaprio, 2016, <https://www.beforetheflood.com/>

* *HOW TO LET GO OF THE WORLD AND LOVE ALL THE THINGS CLIMATE CAN'T CHANGE*, Jay Fox, 2016, <https://vimeo.com/147539163>

2. Other ideas?

a. Involvement with other organizations?

Kristin: She wants to offer a Rain Barrel construction workshop in the spring-open to all She would also focus on an educational component to students.

3. Winter Farmer's Market- 1/28/17 and 3/11/17 from 10-2:00pm at Rollinsford and Exeter. MaryEllen offered to help with Cristina to sit at the table and share the information

4. ORSC Brochure- will be "freshened up" by Cristina. Pictures are needed

5. ORSC Newsletter 2nd issue - the goal is for it to be sent out electronically in January 2017 per request by the School Board last year. publication Topics? Writers? No takers yet! Maggie's idea: include a Sustainability Story - heart-warming event about sustainability...

VII. Closing Actions-

A. Proposed full meeting dates for 2016-2017 school year. In ORHS Conference Rm 120.

~~Wednesday, November 30, 2016 at 7pm~~

Wednesday, January 25, 2017 at 7pm. Snow date: Thursday, January 26, 2017

Wednesday, March 22, 2017 at 7pm

Wednesday, May 10, 2017 at 7pm

B. Next Steering Meeting date: Wednesday, December 14, 2016 at 5pm ORHS Conf Rm 120-we'll see if it's needed? An email will be sent.

C. Agenda Items for next Full meeting:

Sub-committees updates

Plastic container issue-Doris

The 3 R's Starts with Reduce !!

John: When you start to think of students as customers then who is the one in charge?

Why is Doris' budget self-supporting?

Dennis: In 1992 the budget did not pass and the Food Nutrition program was taken out to be its own system. Money is placed in the budget to keep the program viable.

Sue: Only 6% of students are free and reduced hot lunch which is very low considering that other schools have more commodity food than they can use.

Sue: \$95,00 is budgeted for Food Nutrition, but Doris has kept her costs down more each year along with participation rate increasing

e-Newsletter

D. We recognized Mary for her dedicated and amazing work at the Middle School as a Green Team Leaders for the past 3 years. Several small gifts of appreciation were given. She will continue as a member of ORSC, as much as she is able, given her new employment!

VII. Adjournment 9:18pm

motion: Nell

second: Cristina

ORSC Initiatives from the 2015-2016 school year

Pillar 1 - Green Schools Pillar 1 - Reduce Environmental impact and costs

- The Ecological Footprint report - (Damian, Sue and Jim R.)
- Solar Energy - Unsure about our role with this.
- Paper consumption - Continue looking at reducing paper at the school - promoting this is important and would be perfect for the Newsletter. (Green Team)
- Transportation - Increase ridership on the District Busses. Barry suggested we look at promoting carpooling at the high school. How are we meeting the bussing needs of the Barrington students? Could be looked at with the Ecological footprints. (no one volunteered for this)
- Foss Project - (Dennis and Kristin)

Pillar 2 - Green Schools Pillar 2 - Improve the health and wellness of students and staff

- Community Outreach - public movie on 1/7/16 after Community Dinner
- Community dinners - Harvest dinner in October. (Cristina, Sarah)
- Working with the Wellness committee to find overlapping concerns, and increase dialogue. Perhaps we could integrate with the Wellness committee to encourage healthy cooking with students. (Tracy)
- Continue work with gardens at each school. (Sarah, Dennis)
- Doris would like to find a farmer to plant a crop strictly for her use. Carrots? (Kristin and Cristina will discuss this with Doris.)
- John brought up a Sunday winter farmers market at the Middle school. John has discussed this with the Durham Agricultural committee. This would be for 2017.

- Educating community about the Green Work of the Maintenance
- Production garden (Dennis, Cyd, Chuck and Sarah LD)

Pillar 3 - Green Schools Pillar 3 - Provide effective environmental and sustainability education, incorporating STED, civic skills, and green career paths.

- Working to eradicate invasive species in Stolworthy (Mary)
- Movies for the public - (Cristina, HS club)
- Community dinners - (Sarah and Cristina will help Doris)
- Green Team members to environmental Conferences with Students
- Butterfly and Pollinator habitats built at the schools (Kristin)
- Reduce single-use products and promote reusable plates, cups, utensils (Barry, Cristina, Kristin, Sarah)
- Reusable mugs to be refilled at local coffee places (HS?)
- Educational events - Community dinner/movie, Winter Farmer's Market, ORCSD Deliberative Session,
- Stewardship Projects- citizenship projects and education, trail maintenance, bridge building: Stohlworthy, (MS and HS), Moharimet and The Lee Town Forest (MW) - Maggie, Mary
- HS Students attending conference or another school for networking and learning opportunities - Maggie

Dept. of Education: Green Ribbon School Pillars

<http://www2.ed.gov/programs/green-ribbon-schools/index.html>