PROJECT LEAD THE WAY
NEW HAMPSHIRE LEADERSHIP TEAM

MINUTES

Meeting Date: March 5, 2002
Location: NHTI, Cafeteria Function Room

I. Meeting Purpose:
Scheduled meeting for the PLTW-NH Leadership Team.

II. Present
X. Richard Ayers
   X. Charles Clough
   X. William Johnson
X. F. Donald Jones
X. Paul Leather
X. Val Zanchuk
X. Rosie Walker-Bois
X. Ralph Minichelli
X. Jim Gorman
X. Jim Leon
X. Irene Wright
X. Steve Ryan
X. Robert Bulson
X. Rance Walleston
X. Marshall Derry
X. John Ford
X. Robert Henry
X. William Simorton

III. Agenda
1. Status of Legislation
2. Status of 501C3
3. Summer Training
4. UNH Visit
5. PLTW Candidate Schools 2002-03
6. Other

Topic 1: Status of Legislation

Decisions/Conclusions: Paul Leather reported that all hearings have been positive. The bill has already gone through the House Education Committee, the House Finance Division 2 and the full House Finance Committee. He also reported that the bill is going to the Floor on March 6 and then on to the Senate. One of the sponsors of the bill is the Chair of the Senate Education Committee. He has spoken with the Governor's Office and it looks as though Governor Shaheen will let the bill go through since the funding would come from "found" money ($711,000). Two things need to happen; a board needs to be established and new programs need to be created to utilize this money. The $711,000 needs to be utilized by July 1, 2003. However, Mr. Leather noted that if we can get commitments from school districts we would have enough of a case to hold the money if it is not utilized by July 1, 2003.

Topic 2: Status of 501C3

Decisions/Conclusions: After the last meeting, it was decided that Jim Leon/Dr. Simorton would get the names of seven people to be on the foundation board. Dick Ayers reported that the 501C3 paperwork is ready to be submitted once the board is in place. Dr. Simorton suggested that rather than create our own foundation, it may be possible to funnel PLTW donations through the New Hampshire Community Technical College System Foundation. He also noted that the bookkeeping and administrative costs are already in place. There was much discussion as to whether or not utilizing the NHCTCS Foundation would be a good idea. After discussion it was decided that Dr. Simorton would speak with Commissioner O'Donnell and the Foundation Director to see if it is feasible to utilize the NHCTCS Foundation for PLTW funds. Dr. Simorton will also contact PLTW National and the New Hampshire Charitable Foundation to get information regarding their foundations. He will report his findings at the next meeting. It was also decided that a final decision regarding the foundation will be made at the next meeting.

Topic 3: Summer Training

Decisions/Conclusions: Jim Leon reported that there will be two two-week sessions at NHTI this summer. Introduction to Engineering Design and Digital Electronics will be taught at the July session and Introduction to Engineering Design and Principles of Engineering will be taught at the August session. Mr. Leon also noted that participants will have to make arrangements for payment in advance this year.

Topic 4: UNH Visit

Decisions/Conclusions: Robert Henry noted that UNH is running an Undergraduate Research Conference on Friday, May 3, and Saturday, May 4. Mr. Henry suggested that interested PLTW students visit UNH on Friday, May 3. There will be poster session and speaker in the morning and student demonstrations in the afternoon. He is looking at a timeframe of 9:30 AM to 1:30 PM. The question was raised as to how many students could be accommodated. Mr. Henry will find out the number of students and contact Jim Leon. Mr. Leon will then contact each school.

Topic 5: PLTW Candidate Schools 2002-2003

Decisions/Conclusions: The schools showing interest in PLTW for Fall 2002 are: Concord Vocational Center, Huo Vocational Center, Kingswood Regional, Sugar River Vocational Center and Pinkerton Academy. The deadline to sign up is March 15, however, this may be extended.

Topic 6: Other

➢ The topic of inviting non-PLTW schools to an informational day was brought up. After much discussion, it was decided to invite two school districts to each visit (one interested district and one non-interested district). Invites would include the superintendent, students, instructors, school board member and a local business representative. The first
visit will take place at Hopkinton High School. Jim Leon will coordinate the visit. Rosie Walker-Bois volunteered to contact the five interested vocational centers.

- The suggestion was made to contact the School Board Association and ask to be a part of their conference in the Fall of 2002.

- Paul Leach noted that the Department of Education is holding a Student Exposition on May 29th at the Grappone Center. After discussion it was decided that PLTW will have a booth at the exposition and it will be manned by PLTW students.

- Irene Wright noted that the Project Lead The Way web site is linked to the EPCNH web site.

The next meeting will be held on Thursday, April 18, at 8:00 a.m. in the Cafeteria Function Room.

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PROJECT LEAD THE WAY
NEW HAMPSHIRE LEADERSHIP TEAM

MINUTES

Meeting Date: April 18, 2002
Location: NHIT, Student Senate Conference Room

I. Meeting Purpose:
Scheduled meeting for the PLTW-NH Leadership Team.

II. Present
  X Richard Ayers
  X Charles Clough
  X William Johnson
  X F. Donald Jones
  X Paul Leather
  X Val Zanchuk
  X Rosie Walker-Bois
  X Ralph Minichelli
  X Jim Gorman
  X Jim Leon
  X Irene Wright
  X Steve Ryan
  X Robert Butson
  X Vance Wallaston
  X Marshall Derry
  X John Ford
  X Robert Henry
  X Jay Lewis for Tom Brennan
  X William Simonton

III. Agenda
1. Legislation
2. Role of Statewide Advisory Board in School Selection Process
3. UNH Open House
4. 501C3 Final Resolution

Topic 1: Legislation

Decisions/Conclusions: Paul Leather noted that when the legislation passes, there will be a total of $711,000 ($250,000 per year) for schools to start Project Lead The Way. He noted that the bill has passed the House, the Senate Education Committee, the full floor and the Senate Finance Committee. It currently sits on the table in the full Senate. He also noted that today (April 18) is the final day for House bills to be voted on. The bill needs more than a majority vote to get it off the table.

Topic 2: Role of Statewide Advisory Board in School Selection Process

Decisions/Conclusions: Paul Leather noted that the legislation calls for an Advisory Council (similar to the New Hampshire Leadership Team). The Commissioner of Education would appoint this council. Once the council is in place, they would take applications and decide on schools. The deciding factor would be whether or not the schools are ready to participate in Project Lead The Way. Dr. Simonton noted that he has the original application forms and they are also on the PLTW web site.

Topic 3: UNH Open House

Decisions/Conclusions: Dr. Simonton distributed a tentative agenda for the May 3rd open house which he received from Robert Henry. He stated that UNH can accommodate approximately 200 students at the open house. Mr. Henry will need the number of participants prior to the event. Jim Leon will get numbers from each school and will contact Mr. Henry.

Topic 4: 501C3 Final Resolution

Decisions/Conclusions: Dr. Simonton distributed a memo he received from Pam McDonald, Executive Director of the NHCTC Foundation, inviting PLTW-NH to utilize the NHCTC Foundation. The fee would be 5% of the principal per year which covers the cost of Foundation staff time as well as the administrative fees charged by State Street Global Advisors. Dr. Simonton noted that he did contact PLTW National and the New Hampshire Charitable Foundation. PLTW National indicated that they did not feel comfortable becoming involved with PLTW-NH foundation/fundraising, and in order to utilize the New Hampshire Charitable Foundation, we would need to have our own 501C3. After much discussion, it was decided to utilize the NHCTC Foundation for the time being. We can always start our own foundation in the future if things do not work out with the NHCTC Foundation. It was also noted that a board needs to be established to make decisions on the PLTW money as well as fundraising. Dr. Simonton, Charles Clough and Paul Leather will meet separately regarding the PLTW Foundation Board and will report back to this group at a future meeting.

Topic 5: Other

Dick Ayers distributed a brochure regarding SchoolBiz...Schools providing opportunities for the local business community. He thought that perhaps we could include PLTW courses in this program. Jim Leon noted that the PLTW site license is very restrictive and would probably not allow this.

Paul Leather noted that there may be a signing ceremony once the legislation is passed.

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Meeting Date: August 21, 2002
Location: NHTI, Cafeteria Function Room

I. Meeting Purpose:
Scheduled meeting for the PLTW-NH Leadership Team.

II. Present

X Richard Ayers
   Charles Clough
X William Johnson
X F. Donald Jones
X Paul Leather
X Val Zanchuk
Rosie Walker-Bois
X Ralph Minichiello
X Jim Gorman
X Jim Leon
X Irene Wright
____ Steve Ryan
____ Robert Butson
____ Rance Walleston
____ Marshall Derry
____ John Ford
X Robert Henry
X Tom Brennan
X William Simonton

Also in Attendance: Ed Taylor

III. Agenda

1. Reports from Schools
2. Funds for Summer Training
3. College Visits – UNH and NHTI
4. New Organizational Structure
5. Recruitment of New Schools

Topic 1: Reports from Schools

Decisions/Conclusions: Bob Butson of Lisbon was unable to attend the meeting but reported via e-mail. He reported that things are going well at Lisbon. Recruiting teachers in math and science has been helped by PLTW. Articulation with other schools in the SAU is more difficult than he felt it would be. Dick Ayers of Hopkinton reported that enrollment continues to grow. Don Jones of John Stark reported that they are full and could take more students. He indicated that four teachers had been trained during the summer. Jim Gorman of Merrimack Valley reported that classes are not full and are running in a 4 x 4 block schedule. The students are very eager. Chris Ginty attended RIT for training. Tom Brennan of Kearsarge reported that they are not offering the upper level courses Engineering Design and Development and Principles of Engineering. One of their instructors attended NHTI for summer training.

Topic 2: Funds for Summer Training

Decisions/Conclusions: This item will be discussed at the next meeting.

Topic 3: College Visits – UNH and NHTI

Decisions/Conclusions: Dr. Simonton noted that dates need to be scheduled for the UNH and NHTI PLTW visits. Bob Henry of UNH reported that a spring visit with juniors would work best for UNH. This item will be discussed further at a future meeting.

Topic 4: New Organizational Structure

Decisions/Conclusions: Jim Leon distributed copies of the PLTW bill (HB1231). Dr. Simonton noted that according to the rules of the PLTW legislation, an advisory board is required to report to the Department of Education. The board is to be comprised of the following: one House member, one Senate member, the Commissioner of the Department of Education, the President of New Hampshire Technical Institute, the Dean of the Engineering Department at UNH, three superintendents and six members from the public-at-large. The bill also states that each member of the advisory board hold a three-year term. He expressed his desire for all present members of the PLTW-NH Leadership Team to continue as "ex-officio" members with the new advisory board even if they are not designated as official members. Once the membership has been approved by the Governor & Council, a listing will be sent to all members.

Topic 5: Recruitment of New Schools

Decisions/Conclusions: Jim Leon distributed a listing of the status of PLTW schools for 2002-2003. The three new schools for 2002-2003 are Newport (Sugar River Technical Center), Littleton (Hugh Gallen Center) and Hollis-Brookline High School. Each of the three schools will be asking for matching grants; Newport $50,000, Littleton $50,000 and Hollis-Brookline $25,000. There is verbal and/or written commitment for 2003-2004 from Concord High School, Laconia High School, Alvirne High School, Kingswood Regional High School, Pinkerton Academy and Mascenic High School. We have received inquiries from Plymouth (Regional Technical Center), Exeter (Seacoast School of Technology), Belmont, Campbell, Colebrook Academy and Londonderry.

Topic 5: Other

- The question was raised as to whether or not statistics are being tracked for the PLTW success rate. Jim Leon noted that the national report will be coming out in October. Irene Wright is in the process of obtaining New Hampshire numbers. Perhaps we can conduct a controlled study of students through high school and onto college. This item will be discussed further at a future meeting.
The suggestion was made to perhaps track teachers as well as students to see how many instructors are being trained and then leaving to work in business/industry.

Bob Henry noted that PLTW is too confining by not offering civil engineering, architectural engineering, etc. It was noted that PLTW national is testing civil and architectural. Market issues need to be assessed.

Bob Henry indicated that engineering students need more algebra and not calculus. After discussion it was suggested that Mr. Henry send a letter to participating PLTW schools stressing the fact that engineering students need additional algebra.

Dr. Simonton reported that NHTI is in the process of hiring a Coordinator of High School Initiatives/Outreach. This position will work with undecided students, the Running Start program, Project Lead The Way and Cisco.

The next meeting will be held on Wednesday, October 9, at 8:00 a.m. in the Cafeteria Function Room.
PRE-ENGINEERING CURRICULUM & TECHNOLOGY ADVISORY COUNCIL

MINUTES

Meeting Date: October 9, 2002
Location: NHTI, Cafeteria Function Room

I. Meeting Purpose:
Scheduled meeting for the Pre-Engineering Curriculum & Technology Advisory Council

II. Members Present
- Richard Ayers
- Daniel Caron
- Charles Clough
- Robert Henry
- Judy Houston
- William Johnson, Chair
- F. Donald Jones
- Paul Leather
- William Leber
- Ralph Minichiello
- Jane O'Hearn
- Brenda Quinn
- William Simonton
- Val Zanchuk, Vice-Chair

III. Agenda
1. Election of the Chair
2. Establishment of an Annual Meeting
3. Reports from PLTW Schools on the Fall 2002 Enrollments
4. Reports from Lake Placid PLTW Meeting
5. Development of Objectives and Criteria for Selection of Schools to Receive State Matching Grants
6. Other

Mr. Leber called the meeting to order. Self-introductions were made around the table. Mr. Leber noted that the purpose of this meeting was to organize under the new statute. He thanked everyone who helped get this bill into legislation. Dr. Simonton gave an overview of Project Lead The Way over the past years.

Topic 1: Election of the Chair

Decisions/Conclusions: Mr. Leather nominated Mr. Johnson as Chair, Mr. Zanchuk as Vice-Chair and Dr. Simonton nominated Ms. Houston as Clerk. The nominations were seconded by Mr. Minichiello. After discussion, all three nominations were approved. Mr. Leber turned the meeting over to Mr. Johnson.

Topic 2: Establishment of an Annual Meeting

Decisions/Conclusions: Mr. Leber noted that the purpose of the annual meeting is for the election of officers as well as the Governor’s Report. After discussion Mr. Johnson moved that bi-monthly meetings take place on the third Wednesday of the month with the annual meeting taking place in June. Mr. Leber seconded the motion. After discussion it was decided that the meetings would be held on December 16, February 17, April 21 and June 16. The meetings will take place at New Hampshire Technical Institute in Farnum Hall, Room 107, at 8:00 a.m.

Topic 3: Reports from PLTW Schools on the Fall 2002 Enrollments

Decisions/Conclusions: Dr. Leon distributed copies of the PLTW Student Enrollment Figures (2002-2003 School Year). He noted that the number of PLTW students has increased from 600 in 2001-02 to 800 in 2002-03. Mr. Corrieneau from Hillsboro-Deering reported that they are utilizing an apprentice/internship program. Mr. Butson from Lisbon noted that things are going well. He noted that there are a total of 19 instructors at Lisbon High School. Four of the 19 have been trained to teach PLTW classes. Mr. Gorman from Merrimack Valley noted that 20-30% of the PLTW students are female. Merrimack Valley has two full-time teachers and two labs. Mr. DeBenedicts of Hollis-Brookline noted that their facility sat empty for approximately one year due to that fact that they could not find a PLTW instructor. He also noted that the PLTW program at Hollis-Brookline will be connected with Project First. Dr. Ayers of Hopkinton reported that things continue to run smoothly. They are working towards increasing their enrollment. They are also integrating other programs with PLTW. Mr. Minichiello of Bow reported that he is very pleased with the interest in PLTW throughout the state. He noted that he has been approached by superintendents of non-PLTW schools. Twenty-five percent (25%) of the freshman PLTW class in Bow is female. He attributes that number to the Women in Engineering program at the eighth grade level. Mr. Jones of John Stark noted that the program is five years old and each year it gets kicked up a little more. He stated that it is helpful if you have trained staff consisting of men and women. John Stark is trying to work into the middle school program.

Topic 4: Report from Lake Placid PLTW Meeting

Decisions/Conclusions: Dr. Leon distributed copies of PLTW schools (current, committed and in-process). He also noted that Somersworth contacted him regarding their interest in PLTW and that Berlin, Gorham and Oyster River schools will be contacted. Ms. Wright will be conducting interviews with instructors at current PLTW schools to gather retention information, etc. Thirty-three state leaders attended the meeting. He spoke about the New Hampshire legislation and the law. There was much interest in New Hampshire being a model to provide state support for PLTW. He reported that Indiana brought 47 schools on board last year. Regarding New Hampshire Technical Institute’s summer training program, he noted that he had trouble recruiting teachers from outside of New Hampshire. Part of the problem was due to the fact that RIT was offering conflicting programs. RIT has assured us that this will not happen in the future. Finally, he noted that PLTW national is field testing "architectural/civil" curriculums.

**Topic 5: Development of Objectives and Criteria for Selection of Schools to Receive State Matching Grant**

**Decisions/Conclusions:** Clarification was made that the legislation specified pre-engineering program. Considering this clarification, PLTW is one of any number of programs that meet the legislation's criteria for a pre-engineering program. There was some discussion about the degree to which the PLTW-NH policies, procedures and criteria under which the previous committee operated could be used to meet the requirements of PETCAC. The objectives and criteria have already been set. Dr. Leon will bring a draft to the next meeting. The criteria for the matching grant are very specific. Mr. Leather noted that the legislation does not earmark the matching grant to PLTW. Any program which meets the criteria is eligible for matching funds. Mr. Leather will bring more information regarding this issue to the next meeting. Mr. Butson of Lisbon noted that he had problems being approved for matching funds for third tier courses. Mr. Leather indicated that the legislation's intent is not just for regional centers but also includes comprehensive high schools. He also noted that the intent of the legislation is to have this body oversee the selection process. Mr. Leather suggested that a subgroup be created and meet to discuss the policies, procedures and criteria prior to the December meeting. After discussion it was decided that the subgroup will consist of Mr. Leather, Dr. Leon, Virginia Irwin, Ms. Houston, Mr. Minichiello and Ms. Quinn. Dr. Leon will send out a notice as to when the first meeting will take place. The deadline for schools to submit an application to be part of PLTW is March 15 2003.

**Topic 6: Other**

- Mr. Johnson asked if there is any scholarship money available to give out PLTW scholarships this year. Dr. Simonton noted that the H1B Visa money is not being used for scholarships as in the past. PLTW scholarships are vital to keeping students in New Hampshire. Mr. Henry from UNH reported that UNH gives two full scholarships per year (last year they gave three). Mr. Jones noted that Clarkson gives full scholarships to PLTW graduates. Mr. Leon noted that Clarkson gives ten scholarships. Ms. Houston suggested that scholarships may be available to high school students through the NH Society of Professional Engineers (NHSPE). The suggestion was made to create a website that could include grant applications, deadlines, activities, scholarships, etc. Dr. Leon offered the EPCNH site since it has several PLTW pages, but the opinion was that it should be a PETCAC site, note PLTW. No particular action was specified.

- Dr. Simonton introduced Kevin Brungot, the newly hired Coordinator of High School Initiatives/Outreach. This position will be working with Project Lead The Way, Project Running Start, outreach to 14 high schools and working with undecided students from these 14 high schools. Project Running Start allows a student to take our NHTI college courses at their high school and receive credit for a $100.00 fee. The first four PLTW courses are listed in the NHTI catalog and can be taken for credit as a Running Start course. Mr. Brungot will be visiting all of the PLTW schools in our area. Dr. Simonton is looking for scholarship funds for students to receive credit for PLTW courses through Running Start who may not be able to afford the $100.00 fee. Perhaps the school districts could look into this as well. Mr. Johnson asked that any ideas or resources for scholarships be sent to Randi Provencal.

- Mr. Leather noted that there is an opportunity coming forward through the Workforce Opportunity Council for dislocated workers. Money will be available for people coming out of high tech positions and going into teaching. Perhaps this is a way to recruit PLTW teachers.

- Mr. Leather noted that the Higher Education Forum has become aware of this forum and they would like to do some press regarding education/business partnerships. They would like to see as story as to how this can happen in New Hampshire. Individuals on this forum may hear from Kelly Clark.

- Londonderry High School asked if PLTW was for elite students only. Research has shown that out of 40 students from Merrimack Valley 12 were from the top percentile of their class, 25 were from the middle 50 percentile and the remaining 3 were from the 4th percentile. Project Lead The Way is for all students.

- Mr. Corriveau asked that the middle school program be put on a future agenda.

- Ms. Quinn reported that the U.S. Department of Education will be holding two public forums (one in Nashua and one in California) regarding whether or not to continue funding technical education at the high school level. Mr. Leon will be testifying regarding Perkins and Tech Prep support. If anyone wishes to speak at the forum, which will be held on October 15th, please contact Ms. Quinn. If you cannot attend in person but would like to testify, you can send your written testimony to Ms. Quinn.

The next meeting will be held on Monday, December 16, at 8:00 a.m. at New Hampshire Technical Institute in Farnum Hall, Room 107.
PRE-ENGINEERING CURRICULUM & TECHNOLOGY ADVISORY COUNCIL

MINUTES

Meeting Date: December 16, 2002
Location: NHTI, Farnum Hall, Room 107

I. Meeting Purpose:
Scheduled meeting for the Pre-Engineering Curriculum & Technology Advisory Council

II. Members Present
- Richard Ayers
- Daniel Caron
- Charles Clough
- Robert Henry
- Judy Houston
- William Johnson, Chair
- F. Donald Jones
- Paul Leather
- William Leber
- Ralph Minichiello
- Jane O’Hearn
- Brenda Quinn
- William Simonton
- Val Zanchuk, Vice-Chair

Also in Attendance: Bob Butson, Jim Gorman, Virginia Irwin, Jim Leon, Jay Lewis, Steve Ryan, Ed Taylor, Rosie Walker-Bois, Irene Wright

III. Agenda
1. Approval of the Minutes of the October 9 Meeting
2. New Hampshire Forum on Higher Education
3. Gold Star Awards
4. Summary of Affiliates’ Meeting
5. Additions to the Curriculum
6. Update on New Schools
7. Teacher Training Grant
8. Other

Topic 1: Approval of the Minutes of the October 9 Meeting

Decisions/Conclusions: The minutes of the October 9 meeting were approved as submitted.

Topic 2: New Hampshire Forum on Higher Education

Decisions/Conclusions: Dr. Simonton distributed copies of a newsletter from the New Hampshire Forum on Higher Education. He indicated that one of their goals is to improve higher education through business, education and government. They are also encouraging partnerships, and the current newsletter features PLTW as an exemplary example of a partnership. Dr. Simonton, along with several council members and staff, attended a recent Forum meeting that was focused on how the Forum could help PLTW. He informed them they could help with internships, scholarships, fundraising and partnerships. He also mentioned that PLTW could use resources to do third party evaluations of PLTW students.

Topic 3: Gold Star Awards

Decisions/Conclusions: The awarding of Gold Star Awards will be delayed to a later date.

Topic 4: Summary of Affiliates’ Meeting

Decisions/Conclusions: Dr. Leon noted that as the director of the PLTW summer training institute at NHTI, he had attended two nationwide meetings for the directors of the summer training institutes. At the last meeting, some changes were made to the summer training institutes. In the past, RIT has given free tuition to out-of-state attendees. This hurt other affiliates. RIT will no longer offer free tuition. Last year RIT held training during the first two weeks of August, which hurt NHTI. In the future they will not offer training in August. There will also be a standard registration fee of $1200 nationwide. This is an increase for NHTI of $200. Dr. Simonton noted that last year NHTI subsidized the training. It is hoped that with noted changes, NHTI will break even in future training institutes.

Topic 5: Additions to Curriculum

Decisions/Conclusions: Dr. Leon reported that new courses are being added to the PLTW curriculum. Civil Engineering and Architectural Engineering were developed last year. RIT will do training for the new courses this year. Also, these courses will be field tested at ten sites this year. Participating PLTW schools can apply to be a testing site. Dr. Leon also noted that PLTW has begun a project with Clarkson for courses in Biological Engineering and entered into an agreement with NASA for courses in Aeronautical Engineering. PLTW is also negotiating with AutoDesk to use an expanded software package. PLTW is starting to push very hard to have all PLTW schools certified. He indicated that they will utilize a rewards process for certified schools (discounts). Dr. Leon explained the certification process and noted that the cost is $500 per year. Bow and Hopkinton are already certified.

Topic 6: Update on New Schools

Decisions/Conclusions: Dr. Leon distributed a list of current and scheduled PLTW-NH schools. He reported that Alvirne may sign on in September 2003, Londonderry is planning on September 2004 and Oyster River is planning on September 2004. The Seacoast Co-Op and Concord may sign on in September 2004.

Topic 7: Teacher Training Grant

Decisions/Conclusions: Paul Leather noted that the Workforce Opportunity Council has funding which they will use to hire and train unemployed “high tech” individuals as alternative candidates for certification as math, science and technology. This funding is short-term and will
expire on June 30, 2003. If this effort is successful, the funding may continue beyond June 30. Two courses will be offered. All candidates will be required to take the Foundations of Teaching course through Plymouth State College. Irene Wright will be teaching this course. Up to ten candidates will be enrolled in a PLTW training course.

**Topic 8: Other**

- Bill Johnson suggested that we compile as much information as possible regarding the new curriculum and its development for PECTAC purposes.
- Dr. Leon noted that one of Governor Benson's initiatives over the next three years is high tech. Bill Leber is setting up a meeting to address PLTW and PECTAC which will include members of this group.
- Dr. Leon noted that at the last meeting he was asked to meet with Virginia Irwin, Judy Houston and Brenda Quinn to come up with the criteria for matching funds. Ms. Irwin noted that the selection process is the same for technical centers and comprehensive high schools with technical centers having the one additional requirement of completing a new program application. This information was then sent to career centers and all others interested can apply as well as those wishing to add PLTW. She also noted that not all eligible schools have applied as of yet. Two hundred and fifty thousand dollars ($250,000) of the $711,000 is available.
- Daniel Caron reported on the New Hampshire Technical Education Association (NHTEA), which is the NH affiliate of the National Technical Education Association (NTEA). The NHTEA runs workshops for teachers every year. He distributed copies of the NHTEA New Hampshire Technology Education Curriculum Guide and gave a summary. Dr. Simonton suggested that members of PECTAC/PLTW attend a NHTEA meeting. He also offered to host the meeting at NHTI with a focus on Engineering Technology. Mr. Caron will check the schedule of meetings.
- Dr. Leon is working on the statewide PLTW evaluations. Last year the evaluations went out in November. The evaluations were sent again in April 2002 and Lisbon was the only school that responded. Phone calls were made to all schools in June 2002, and in late summer into early fall 2002, Irene Wright visited all PLTW schools and retrieved all of the evaluation information from the PLTW instructors. Dr. Leon noted that we need to get additional information from guidance departments regarding class rank, etc.
- Dr. Henry noted that when he receives applications for the engineering programs at UNH, he has no way of knowing whether or not the applicant is a PLTW student. He said it would be helpful if the high schools would e-mail to him a list of PLTW students that are applying to the engineering programs. Irene Wright suggested that UNH contact the PLTW contact person at each high school. After discussion it was decided that Dr. Leon contact the PLTW instructors and ask that they contact Dr. Henry.
- Dr. Leon suggested freshmen and sophomores be targeted for future UNH open houses.
- Dr. Leon noted that every year PLTW puts on two conferences for guidance counselors (Albany in November and Nashville in February). The enrollment is limited to 125. Both conferences reached the enrollment limit within two weeks. He suggested that a conference be held at NHTI for New Hampshire PLTW schools. He contacted national PLTW and they thought it would be a good idea to host a conference at NHTI. He also noted that there is no funding to put on such a conference. After discussion, it was decided to have Dr. Leon put together a program and budget for the conference and submit at a future PECTAC/PLTW meeting. Dr. Leon asked that a commitment be made by the superintendents that all middle school and high school guidance counselors attend this conference.
- Rosie Walker-Bois noted that Milford will be hosting a pre-engineering/PLTW seminar in February. Parents and female students from grades 7, 8 and 9 are being invited.
- Dr. Simonton noted that details need to be firmed up regarding the UNH visit. He also suggested that UNH/NHTI print a flyer regarding their engineering programs and mail it to all PLTW students.

The next meeting will be held on Tuesday, February 18, at 8:00 a.m. at New Hampshire Technical Institute in Farnum Hall, Room 107.

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