The Meeting of the Technology Committee was held at the Blake Building, 25 Ogden Street, West Haven on October 13, 2006. The meeting was called to order by Howard Horvath Jr. at 3:40 p.m. with a pledge to the flag.

COMMITTEE MEMBERS: Howard Horvath, Chairman
PRESENT: Robert Guthrie

OTHER BOARD MEMBERS IN ATTENDANCE: M. Toni Paine
Eric Murillo

BOARD MEMBERS ABSENT: Raymond Collins
Krista Pickering
Mark Palmieri
George Monahan
Gerald A. Calabritto

ADMINISTRATORS PRESENT: Dr. JoAnn Andrees, Superintendent

Howard Horvath, Chairman for the Technology Committee began the meeting with a pledge of allegiance to the flag and then thanked all for coming. He then turned the meeting over to Superintendent Andrees.

Superintendent Andrees stated that there have been many sub-committee Meetings of the Board recently. She went on to give everyone a status of where we are and what the different programs that the sub-committees are responsible for. The school suspensions at the middle schools were just completed. We are looking at Food Service for a future Board Meeting. Tonight we will be taking a look at Technology. The concern that continues to come to her attention is if this is the most efficient way to run technology. We need to continually look at technology and see what we can do to make it better and make it more efficient to service the students and community. Today’s discussion will center on this and any questions you may have can be discussed with the group from technology that is present. The group will give us a status and overview of what is going on with the technology department.
Patti Fusco handles technology at the elementary and middle school level. They have been going from classroom analyzing what works and what doesn’t, what can and can’t be fixed, and what is beyond repair. We try to get things up and running and then determine what parts are needed to be purchased in order to get the rest running. We have a list and most classrooms have at least one computer some have two or three. The third and fifth grade computers were purchased in 1999 and our newest computers were bought in 2001 (kindergarten and first grade). Some new machines were bought for individual teachers or Special Ed students as this is called for on their IEP. Most children’s IEP calls for software that our computers can’t handle and then we have to purchase computers that can handle it. I have four that have to be ordered now.

Howie asked if we have a spread sheet that talks about where the computers are regarding warranties etc. Patti said she can add this. Howie said it might be worthwhile determining what our costs are after warranty. Just before computers go off warranty we check every machine and report ever little problem and try to have them replaced. Howie stated if data shows that once off warranty the computer is costing more to fix rather than replace this is some insight we need to know.

Patti went on to state that our printers are in very bad condition. We have a lot of HP 2000 Models Business Jet that the pumps are going and we will have to replace many of these. This is at the elementary and middle school level. Patti doesn’t have the exact number but can get this number. Because of this problem we are going through ink faster and this adds to the expense.

Dr. Andrees, Patti Fusco, Eric Murillo and Nancy Rossi did attend all of the schools a week ago today and many of the buildings had concerns that the machines were not working and Dr. Andrees requested that Patti address this problem.

Many of the teachers are frustrated because they feel that the inoperable equipment in their room is just taking up space which they could be using for something else. Patti told them that it is not their space to use it is our space and we will get the computer working or will replace it with one that works. As we take computers from elsewhere we use the parts that are needed for other computers. Pauline and Eileen are paras in the elementary school level and are certified and can strip down computers to nothing. Rick does the same thing at the middle school level. Part of the problem is that a lot of the machines at the elementary and middle school level are Windows 98 which is no longer supported. This is for all the elementary schools except the labs. Windows 98 is no longer supported by Microsoft and this is a huge problem.

Toni Paine asked if there are software problems also as well as hardware problems. There are some software issues. Blue Ribbon is being used and we have some issues. At Mackrille they don’t like the typing program they have and it needs to be replaced. Toni stated that the high school is using Power School and there is a problem for the information and the application for the reduced lunch and free lunch. Power School won’t integrate. Toni was advised this problem was taken care of today.
Charlie Shooshan suggested the technology people introduce themselves and let everyone know what they are responsible for regarding technology. Charlie began and stated he is a math teacher at the high school and is primarily responsible for the high school and does all of the school networking with John and Fran assisting him. He also works on Power School and other types of technology issues. He then had Francine Lytwinick who is a math teacher at the high school. She works with the faculty with Power Grade and their laptop and keeps them on target. This was thrown at the middle school very fast last year. Howie asked why this happened so quickly. Fran said we were told to incorporate it into the middle school level and to move with it. Other districts spent two to three years to implement Power School, but we did it in six months. Fran targets the middle schools after her class is done.

Eric Murillo said he understands many of the teachers don’t know how to use it. Charlie said it depends on how recent the information Eric received is. He finds that a high percent of the teachers are using it and perhaps a handful is still confused. All grades and report cards are now done this way in the middle school and high school. Eric said the administrators need more training and Fran agreed and stated training is constantly on-going.

John Lessandrini is the Computer Support Specialist for the Board of Ed. He primarily works on managing the programs and data analysis for the district. He handles the state reports and sets up the technical involved in setting up the programs and installations. He handles security and anti-virus. He handles the reports in Power School etc.

Patti Fusco oversees the elementary schools and does all the ordering and takes care of all the grants and has a three page list of things she does.

The paras are responsible for the following:

Two paras take care of problems at the high school
One takes care of the Cyber Café also
One para takes care of problems at the two middle schools
Four paras are on the elementary school level and two of them trouble shoot and fix things and the other two work in the labs assisting teachers with support

Howie asked if prior to this year there was a para at every school. Patti responded no there was not.

Patti went on to discuss her duties and stated she takes care of the website and grants and does have a document showing what she does. Charlie said Fran, John and he do a lot of the same things. Howie said it needs to be clear that they all have other multiple responsibilities. John is the only dedicated person.
Howie thinks it would be valuable to layout who is on the team and what they are responsible for. He requested a document showing the makeup of the team and what they do as this is not all they do.

Howie wanted to know if we should talk about the hardware first at the elementary, middle and high school. He wanted to keep the meeting on track and would like a sense of hardware and we can come back to software or touch on it for a moment by saying our primary software application in the middle and high school is Power School and we will come back to some issues and talk about the service itself. Let’s finish off the elementary school picture on the hardware.

Patti reiterated that they have three computers in every classroom on the elementary level with the exception of Special Ed classroom that generally have two although some have as many as four depending on the students. We give the students the technology they need to be successful.

The middle school level has two in every classroom. We have one working one in every classroom but they all have a lap top where the elementary people do not.

Charlie stated that in labs alone (by lab I mean ten or more computers in the same room) we have ten or more places at the high school. There are six labs on the second floor that are classroom labs. Each have about twenty four computers but his classroom is down to about sixteen or seventeen computers. Cyber Café should have thirty but has twenty four to twenty seven. The library has thirty five. Tech Ed department has about fifteen and this totals about two hundred forty (240) as far as lab computers. Throughout the school we have another fifty or so. Seventy five in addition to this are classroom computers and there may be one to three in a classroom. There are fifteen in guidance and twenty five in the offices and this totals 405. In addition to this every teacher has a lap top. We roughly have five hundred twenty five computers at the high school. Only the library has new computers. We have the plans and money for one lab. The average computer age is four years. This is the last year for the high school lap tops to be under warranty. At the end of the school year it will be three years for the warranty. There is one Windows 98 lab almost all the others are at least four years old. Back about five to seven years ago we were rolling over a lab a year; unfortunately we can no longer do this. With the Gateway Profiles when the CD Roms go it is very difficult to fix without buying a new computer.

All of the elementary schools have a lab. We are putting a makeshift lab in at Molloy School and at Savin Rock School. The Pagels and Washington labs consist of ninety eight machines that are on their last legs. We do Blue Ribbon Software Testing and we are having big problems in Pagels and Washington because the machines are down a lot. The Thompson lab is also down a lot.

Howie asked what the situation was at the high school regarding hardware. What would you say it is relative to the networking infrastructure. Charlie said there are a couple of major issues which require time as some of these parts require money. When the Board
hired someone to come in and install the wireless throughout the school it was done quickly and not as thoroughly as we would have liked. We still have some spots in the school which have poor coverage.

1. We need to firm up the wireless mesh in the high school as teachers inadvertently unplug them. We have very little network monitoring in place. Toni asked why this wouldn’t have been hard wired. This is power to the room issue. There are power switches to the whole room so if a teacher leaves for the day and doesn’t want to shut off all the switches and instead reaches over the throws the power switch it throws a bendex in the wall and turns off the power to that room and also some of the power to the rooms on either side and anything plugged into the ceiling. This could be done inadvertently by a sub or a student could do this. Howie stated that this is not an issue in new buildings.

2. We need to V-LAN the network. We have a separate administrative and student network to protect the administrative computers from hacking from the student side. When the wire was put in place it was disabled by the vendors that came through so the teacher’s lab tops are now on the same network. We really need to reinstitute a V-LAN. The middle schools also need wireless units.

3. Servers – We don’t have an adequate back up system. We need hardware to create a backup system for data: personnel, lunch, power school, and all the data bases John works on. This would be off on another machine and another site. Power School is the most critical. Power School is centralized in one room at the high school and we keep a backup of the data file but don’t have a live second server. Our goal is to purchase another server. Toni asked if the back up was off site and Charlie said yes it is. Charlie said we need a plan so that if something should happen we could go to the last best backup without having to ask five people to bring data down. The size of our district and the addition of Power School have started to strain our server which we originally purchased for Power School. Every day between 10:00 a.m. and 10:25 a.m. Power School goes down. This is a hardware thing. We can’t write a script to auto restart it because it doesn’t look like it has failed. Power School requirements go up every time a new version comes out. Howie asked if we have free updates to the new versions. Yes, as long as we don’t go to the next tier. We are currently using Power School Pro which uses a 4E data base and the sequel Power School Premier is more industry standard and only in Premier will a web based grade book be available. Power School is going to be offering their grade book purely web based which will allow teachers to enter grades on line anywhere they have an internet connection.

With Power School at the moment we want to get a bigger server to handle all the traffic and use the old one as a live backup that we can sink every night which we can move off site. We can swap over to the second one and be back up in half an hour.

Howie stated that Power School is being used at the high school and middle school and teachers fundamentally use it for grading and attendance and are able to see how their own students are doing in other classes. Fran stated they also use it for demographics. They have the information right there as far as home address and legal guardianship etc.
The teacher can also make a log entry. All disciplinary action is not included it is private. The students entire grade book is there.

Howie asked have you all created a formalized list of things that you need in priority order. Charlie said there have been some notes made of things we need and things we want.

We bought all the same laser printers at the high school HP4250. We have installed one in each department. All of them use the same cartridge and are all networked and we named them by department. We do not have a printer for every single computer. Patti stated that at the elementary level printers are used in a different way. If a little kid types his book and wants to see it you need to have a printout in that classroom.

Charlie stated they are piloting a parent portal where parents can see every assignment for every class. They can do this with the version we have now. We started working on this with the freshman academy at the high school because that group of students share the same four teachers so all of their teachers will be part of the pilot. Hopefully only one or two classes will be with teachers who aren’t in the pilot. It hasn’t been started yet but we will try to get it up third marking period. Dr. Andrees stated we don’t want to go too quickly because we don’t have manpower to support it and the last thing we want is to add this and not have the support. This would anger the parents and teachers. She doesn’t want to move on this until we can support it. I am encouraging you to continue to go small on this for this year. Next year maybe we can bring this on a larger scale.

In Special Services we can handle problems regarding attendance problems where students previously had to go around to three or four rooms to correct the problem. The contact information needed for both teachers and administrators are all phone numbers that we have for all parties home, work, guardian’s phone numbers etc. The city is looking at purchasing a system whereby they can make up to 3,000 calls within a matter of minutes. It currently takes us a few hours to get calls out.

Howie asked if there was any other piece of software that is critical to know about at the high school. Charlie said Choices is a career planning software and the new one is web based. We do use MicroSoft Office. Patti stated they have license numbers for all users for this, we don’t let our discs out, and she tries to make sure that we don’t go over the license number for any office product because she realizes the liability to the district. If we replace any labs Micro Soft Office is something we must do.

Howie reiterated the various things discussed regarding services stating there is the fix and repair we talked about in a general way and it was due to the fact that some were older and some had incapacities with the operating systems and applications and the power issues etc. That piece needs to be handled and then there is the monitoring piece to oversee the network and make sure things are working as they should. The piece that has been on hold which is part of understanding what you have and what you need to order and when you need to order it. There is professional development which is a service that needs to be delivered in support of this technology. Howie asked are there
any other services that weren’t mentioned. Patti stated that teachers and staff need help working with their software and learning how to do certain things with the software. Howie asked if this falls under the area of training. Howie and Patti decided to call this a combination of on-site assistance and training. Over 120 teachers were trained in Intel and we haven’t been able to keep the momentum because we don’t have the manpower.

Howie asked how we are doing regarding our current set of circumstances with the budget and the number of people available and the number of commitments you have both to technology and the classroom. Are we able to keep our head above water or are we in a tough spot trying to maintain. Patti said on her level (elementary) it has been tough. When something breaks people want you there that day sometimes it takes a week or longer. Howie asked them to summarize what has changed over the last year or two. He knows financially things changed but asked if there is less time available now to do things and also pointed out the age of the equipment that is more prone to breakage. Fran said a perfect example is she starts at the high school at 7:00 so she and Charlie can focus on problems and prioritize. You are lucky if you get to half of what is in your mailbox. People can’t get on line, someone is having trouble with Power Grade and they need this for attendance. These are things you need to deal with immediately. Then you stop and go to your regularly scheduled classes from 8:15 to 10:00 a.m. There are no free periods in our day and no lunch unless it is a business lunch. Her day ends at quarter to two because she starts at the high school at 7:25 a.m. and because of this people at Carrigan don’t get to see her if they have free periods at the end of the day. This is frustrating. They really need to have the support they need. Charlie said that adding the laptops made a big change as well. This year there is also very limited overtime and it is hard to do things during school hours when everyone needs to be on their network. Charlie also teaches from 8:10 a.m. to 10:00 a.m. and has labs where his computers aren’t up and running yet. He has done two computer based classes with no computers running for a month. He has been lecturing and using the blackboard but next week they have to get on the computer. Part of the problem is that they don’t have the after school hours as much and part is that there is just more demand.

Most schools do some kind of fixed training every marking period. Some of the new teachers are in a whole right now because we have kids that need one on one. Patti stated that up until three years ago Mary and she shared the technology training for the district. At that time every year we brought in every single teacher or teacher who had changed their grade and gave them the rules and regulations, shown them the e-mail, showed them how to do the things they needed to do, and gave them software support. Every grade level has a different list of software and some is pretty lousy. When Mary left Patti had to oversee the paras and she hasn’t been able to keep up. She does give lessons if teachers ask her to but can’t do as many as before.

Howie stated this sounds like more demand, less resources and less time.

We used to use DEI for repairs but they went out of business. We have a vendor that we use but are trying to fix a lot of things in house because of money.
Charlie wanted to mention the scheduling piece. Because Power School is very data driven it is a very steep incline for our scheduling staff to learn how to schedule through Power School. They need to do it but are incapable of it right now but hopefully they will all go to training in the spring. A lot of these were done by the secretaries or administrators but are now being done by us because of the technical nature. Dr. Andrees stated that it was made very clear to the administrators that they have to go to the training and that someone would be there in a supportive capacity and they must schedule their training. They will not pay the staff to schedule their building when they are on twelve month contracts and it is their job. We will provide the support but they must go for the training in the spring. Fran stated that part of the problem is that administrators in two out of three schools that were scheduled had never done any scheduling before. In one middle school and the high school they were brand new and had never built a matrix before.

Howie said in looking at the document that he was given which compares us to other districts he wonders if there is a way to make any comparative insights yet. Dr. Andrees stated we haven’t as yet and that document was sent out to every superintendent in the State of Connecticut. With the responses this is what we received. One thing she questions is if there is a way to make it more efficient with regard to overtime and the utilization of our staff and the fact that we have two math teachers who are doing our technology. She wanted us to at least have a favorable record of what some other districts might be doing. Is there a more efficient and cost effective way to do what needs to be done because as you can see right now this is not enough. Howie agreed stating that it seems pretty amazing that you are able to do what you are doing. Dr. Andrees stated she came from a district the exact same size with similar numbers of machines and there was one full time tech director and two people who did nothing but informational services and had a help desk person to respond to all the issues that came in and five people to trouble shoot in the field and we always said that it wasn’t enough. We are looking at four people that are the equivalent of one full time person and one 3/4 full time person that is doing the job of what some districts have full time people doing. We have not allocated enough for service if we want to stay on the cutting edge. We used to be fifth in the state. We are near the lower end now in terms of what we have. Our children are going into a world where technology is imperative.

Patti said we are going to have district technology committee meetings because that is part of the requirement of the Federal Government. Howie asked who would be there beside those in attendance and Patti responded that there are people from the public, teachers and administrators.

Charlie stated that some districts have instituted student e-mail to train students. There should be a place to discuss this and other issues. Howie said he agrees that we need a forum and a vehicle to make sure we talk and implement some of these things.

Eric Murillo said we should be looking into leasing computers and get a comparison idea of the cost. He stated that the three of them as individuals can not be spending time fixing computers we need to find a company that will do this. It may cost us some
money but in the long run it will be to our advantage. The kids need to be taught and to learn and the teachers need to follow the students to be sure they are learning and new teachers need to sit down and help the students. We should look into a leasing program with the City of West Haven so that way you can do the job of teaching and work on things that are really important not on repairing the computers. Everyone was in agreement with this idea.

Dr. Andrees stated that with Charlie’s expertise that perhaps West Haven could become a Cisco Academy where we could invite students from other districts to come and use our facilities. We don’t even have time to think about developing this concept. You can’t develop this kind of program without the necessary time and staff.

Eric asked what qualifications they had and how they inherited these positions. Patti was a teacher for her whole career and then in 1997 Paul Tortora came to a workshop for fifth grade teachers who were looking at computers for the first time and he was looking for someone who knew the curriculum. She taught a lot of grades and knew the curriculum. There were personal reasons she decided to apply. She called him and said she knew how to type and that was all she knew about computers. Paul taught her about computers and sent her to many workshops. Mary who was her partner knew about the hardware as that had been her specialty and she showed her things. She doesn’t have a degree in technology although she was trained by ACES. She was chosen to be a technology integration professional partner. She was trained to present technology and the integration piece to teachers. She is certified to do classes for ACES.

John has a degree in Computer Science from Quinnipiac and did an internship here under Paul and wrote a program for the schools to take attendance and payroll and he wrote a program that all our schools are using right now. There wasn’t one IT person here when he interned. They worked very well together and he was offered a position.

Charlie stated the credential everyone seem to like is that he is an MIT graduate. He was not a computer science graduate but he certainly sucked it all in at MIT. He was hired as a math teacher. When he arrived he was asked if he could teach a computer class. He said sure and then he basically repaired that lab and fixed everything and suddenly the work got out he was an IT person and then he was known as the person who knew more about computers than anyone else in the district. Then he and Fran went to Cisco classes together so we could teach the Cisco Academy at the high school. He has the initial Cisco certification CCNA and has a CCAI. So he has two Cisco Certifications. He came to teaching from a career in law. He enjoys it and it is something that comes naturally.

Fran was a Notre Dame High School for seventeen years and was a math teacher and asked if she would teach a couple of computer courses and she did. She then brought the building to a full wire building and went back and received her Masters in computers at Fairfield and came to the high school as a math teacher. She also teaches at the technology program at UNH but not currently as she doesn’t have time.
Bob Guthrie asked the cost to upgrade from Windows 98. The problem is that the computers can’t handle Windows 98 there is a hardware problem.

Howie asked how much it would cost to do the third and fifth grade computers. Roughly 90 to 100 computers per grade at $800 per machine about $80,000 and this doesn’t include printers. Bob was asked how much was set aside in previous years. He stated it was $200,000 and as far as I know it still exists. Bob stated there is $200,000 that may or may not come across this year who knows. If we get the $200,000 this could potentially solve the third and fifth grade problem. Patti stated we still have to replace the labs first. Pagels PTA today donated $2,000.00 to technology and we will probably use that money to buy some printers. Every Special Ed teacher in the whole district does IEPs on a computer and they have to be able to print them out. So every Special Ed teacher has to have printer.

Bob stated that not realizing when the $200,000 could potentially be released as it sits out further into the fiscal year maybe it will be a combined buying power of $400,000 with next year’s allocation so if you go to a vendor you could say we could buy X number of machines at $200,000 or what can you do to help us out with $400,000. With the more you buy the price comes down. Garth is checking every day to see if the money has been put in the budget yet. Dr. Andrees was at City Hall again today making inquiries. She needs to know the line item is there before they can buy the computers.

Toni had a question about the backgrounds of the paras and how one would be chosen. They were selected from among the existing paras who applied for the job and were granted the job in terms of seniority but they did have to pass a test. Last year all the paras learned how to fix a computer. You get much more than what you pay them for. Some paras bring computers home to fix them. We are down one body at the high school because one para was eliminated.

Eric Murillo stated it is a shame that we spend all this time and effort to train them and then say we don’t need you anymore. No matter how great your technology is Patti stated we would go nuts doing the trouble shooting of easy things to correct and this is where the paras leave us time to do the higher level things. Paras can also make a determination of what is necessary and save us a lot of time in that respect. Paras are our first line of defense.

Dr. Andrees requested that Patti give her a copy of the price list from companies in terms of service. We would like to research this.

Eric is concerned about the attitude of teachers/administrators who are afraid to call for help with a problem regarding computers. Patti was horrified to hear this and stated she tries to call back every principal and visit every school on a regular basis. Howie stated in reality there is no perfect system even if you had all the resources you needed. He has been an IT for 25 years and stated there is always going to be problems. We have a system here that is way over burdened. You better count on some complaints otherwise people are not even caring about technology. Patti stated that sometimes they don’t like
the answers they get if you have to tell them you can’t get to them for a day or two or possibly a week. Charlie interjected that if a teacher tries to interrupt them while they are teaching you really are supposed to tell them we are teaching this is not the time to bug us. We are worried about the kids in our classroom at this time not their request. There are some issues about boundaries.

Eric posed the question, “How do you get evaluated as a teacher or as an IT”? Patti stated she would get evaluated in the past on her job she is a teacher but she really only taught workshops or classes. I was not evaluated as a teacher. Charlie stated as a teacher he has eight periods and he teaches two periods. For all intensive purposes he has three technology duty periods a lunch and a free period. On paper the technology is $3/5$ of my job in past years it has been $2/5$ so we still get evaluated as teachers because that is the function we fill.

Howie stated given all we have heard today we must decide how important technology is to this district, the children and their futures. This is a fundamental question we need to ask. Based on the answer we can go forward with our plans but it is clear that the current plan suggests it is not a priority. It has been in the past and we did invest but now we are saying we are going to stop investing or under invest and this is creating major problems. If you can’t really use the investment the way you planned it is really for naught. Basically the way it currently works stated Charlie is we are spending principle. Howie agreed. Howie stated the rest of the world is recognizing that it is a very changed world and it has implications and impacts and has a lot to do with the way our children are going to live their lives in the next 50 years. He would like us to be at the forefront and not in the back just hoping it all turns out OK for them.

Eric said we need to put our heads together and find a solution. We can’t keep putting a band aid here and a band aid there. We need to focus on the whole picture. The problem that is the most extensive is the hardware and we need to be supported by a team of individuals who can do what they have to do.

Fran stated that we really need to pay attention to the laptops that the teachers have. We have three that went out to be fixed that came back with an estimate of roughly $500. It is not worth it because they are out of warrantee. She can replace these with some she has in stock but they are getting to a point where they can’t replace anymore and these teachers have to have them for grades or there will be big problems.

Howie said what he is hearing and it is not their fault is that there is no person to lead the charge. This is something you need in any organization if you are to be successful and this is the big void. They have done a wonderful job under the circumstances making those tough decisions always with the children’s best interest first. I appreciate your continuing to struggle along and hopefully we will figure this out.

Dr. Andress stated that she thinks we will. If it comes to the point that we are only going to get $200,000 a year I think at some point we should sit down and plan. If this is the allocation we know we are going to get we will know what we are going to do with it.
We should have some long range plans so that we know where we are in this process. We need to have a vision of where we are and we to know what steps we need to take to get there. Right now I don’t see that and I am sorry to say that.

Dr. Andrees continued stating that this group has been writing grants and that has helped us. Patti has spent a lot of time even driving to Hartford to make sure we put an application in by 4:00 p.m. when we found something at the last minute. Please know that we are trying to help. Patti does some grants on her own that possibly can save us a couple of thousand of dollars off of equipment.

Eric also stated that it is really an eye opener to see the number of computers in our schools and Howie agreed stating they need to be taken care of and used in the way that enhances education.

Eric stated that Charlie said you have a printer in every department and then asked him if they have a copier in every department? No was the response. Eric thought perhaps the computer could print on a copier. Charlie stated that it seems the way we use copiers you really have to keep them as copy machines. You would loose the privacy and it would cost more. Sometimes the wrong type of paper is left in the copier for report cards etc. Bob Guthrie stated that to link the copier with the computer it may cause more headaches for the IT department for an abuse of an option. It is good for things like newsletters.

Howie thanked everyone again and because we have a wealth of information here in these minutes. He will put everything together in an organized formal way to show here is the team, background, and the applicable pieces and to see what is missing. It is wise to pull what we can from these minutes just as a comparison and then start thinking about this district wide meeting we have discussed. Please let me have the issues and priorities list for the hardware and software services at the elementary, middle and high school and I will try to pull this information from the minutes as well. On the over-all list if you have to do three one two three is what we have to do next. Here is what it cost here is what the implications are. This will help us to try and do what we can to go forward as well as we can. Please think about how we address the fundamental issue which is resource, time, cost and the demand instead of putting band aids on this can we think about a bigger, better long term solution.

Charlie stated he has been going to Power School Meetings and it has been useful to see what other districts are doing and has formed contacts throughout the state. Howie stated that if you know where you are at and your issues then you can start to do that comparative assessment to say here is a like situation and here is how they are handling it and this is what is good about that and this is something we can consider doing instead of trying to think up all these answers on your own. There are a lot of people out there doing a lot of technology.

Howie again stated we are lucky to have this technology group and thanked them.

The meeting ended at 5:30 p.m.
Respectfully submitted,

Marylou Amendola
Board Clerk