From the Principal:

“Meeting the Needs of the Market Place”
Part of the vision of LakeView is empowering our students to develop in-depth technical skills and knowledge so they can compete in the ever changing marketplace. Well, that is exactly what we are doing and continue to do as we upgrade and modify our curriculum offerings. Our Information Technology Systems curriculum is undergoing some big changes starting with the 2016/2017 school year. The focus of our Information Technology Systems program has been on networking and the knowledge and skills necessary to be competitive in the marketplace. Starting this next school year, the focus of our Information Technology Systems program curriculum will be on programming and coding. We are replacing eight of our current courses that focus on networking with nine new courses that focus on programming and coding. The national statistics clearly reveal the present and looming shortages of trained and competent people with skills and knowledge in programming and coding. As part of the Information Technology Systems program we are adding a Computer Science/Mathematics program. These two combined programs address what may be the greatest market place need in our country. The addition of Advanced Placement – Computer Science “A”, and Advanced Placement Computer Science Principles will strengthen our overall program and give our students a big advantage as they enter the employment fields of Information Technology and Computer Science. These are challenging courses and require students to be very focused and persistent in their studies. The payoff comes when our students apply for a position and/or go onto high education and start school with advanced standing credits.

Seniors are reminded that they must complete their community service hours in order to graduate.
Graduation will be held in the Indian Trail Auditorium at 7:00 p.m. Thursday, June 2, 2016.

LakeView Prom:
All LakeView students are welcome to attend the 2016 Fairylights Prom on Saturday, April 16th at the South Hills Country Club. Purchase your tickets and pick up your permission slips starting Monday, March 21st. Tickets are $35 for a single and $60 for a couple. On Prom night the doors open at 4:30 p.m. with dinner served at 5:00 p.m. Dancing will follow until 10:30 p.m. We look forward to seeing you there.

Tech Ed Class Update by Mr. Vinson
In the fall newsletter I wrote an article about the machines we acquired over the summer with a promise to share some of the things that would be made with the new machines. One project of interest was done by Alec Devlin in Mr. Nelson’s CNC class. Alec programmed and ran a CNC mill and lathe to create a hub adapter used by the Super Mileage Vehicle Club. A major issue that many clubs run into, as well as our own club, is that there is not an off the shelf part that will allow us to attach our large gears to a bicycle hub. A hub adapter was designed by the club and Alec produced more than 20 adapters. The club has now marketed and sold them to other clubs for $200 each.
Another exciting and successful project was designed by Seth Spaude who created two sets of stools on his own initiative. Seth got the idea to create some furniture during his IDET class when Mr. Vinson showed them some tools for designing and creating furniture. First Seth tried to use a program from sketchchair.cc but ran into some problems. It is still in Beta and had some bugs. He then got ideas from atfab.co which he further developed using AutoDesk Inventor. Seth then created the tool paths and G-Code (code that the CNC router can understand) using Inventor HSM. This was a project that Seth did on his own initiative with the help of Mr. Vinson after school. He is in the process of staining the stools and plans to give them to family members.

Students in Mr. Schultz’s Manufacturing class used the CNC router to create bird houses that they designed, produced, marketed, and sold to the public. In addition to using the CNC router for the wood portions the students used our laser cutter to cut the custom packaging and the vinyl cutter to cut out the stickers for the project.

So far the new machines have been working great. They are generating a lot of excitement and learning opportunities. The school is very fortunate to have such resources. I don’t doubt that giving students an opportunity to use these machines has sparked a passion in some students, and will lead them into careers in design, manufacturing and engineering that they may not have otherwise pursued.

**Construction class builds outdoor classroom with grant, shed for village & club begins work with Habitat for Humanity** - Mr. Sutkay

The fall of 2015 was extremely busy for the Construction Planning classes at LakeView. With the help of Physical Education and Health teacher Mrs. Garin, we received a grant for $500 to construct benches for an outdoor classroom at LakeView. The grant paid for the material costs and the students built 24 benches that are located on the southeast side of the school. The health classes will maintain the area as part of their service learning requirement. LakeView hopes to receive more funding for the classroom area where we can add garden planters, tables and possibly a teacher podium.

Another construction project was started at LakeView this fall as well. After receiving the Lowes grant last year to build our shed, we needed to work with the village to gain approval for the shed. That is when the Pleasant Prairie Public Works Director heard LakeView was offering construction classes. The Construction Planning class at LakeView was approached by the Village of Pleasant Prairie to build a shed that will be used at their new compost site opening in 2016.
Construction began late in the second quarter, and Construction Planning is only a quarter long class, which created a problem for completing the shed. However, there was a lot of interest in a Construction Club where students could work on the shed and learn construction skills and techniques. The club meets on Fridays from 2:30-5:00 p.m.

Near the end of the first semester the Civil Engineering and Construction Planning classes were also approached by Habitat for Humanity. Habitat in Kenosha is currently working on three different projects and is seeking volunteers. The interest grew among the students in both classes and helped to spark the start of the Construction Club. On February 10, the LakeView Construction Club started meeting at the Habitat house located at 6107 37th Avenue in Kenosha to help contractors complete the current house. The club meets every Wednesday at the house from 3:00-6:00 p.m. Anyone interested in helping out, can contact Mr. Sutkay.

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