

ND Tech News

Welcoming the world into the ND classroom

Engaging ND students through technology

Making the connection from home to school especially through the use of **TeacherEase**. **TeacherEase** is a premiere web-based gradebook communication software package that allows teachers to simplify grades and communicate with parents. As a Parent/Student Portal, its use has increased parent collaboration and raised Student Performance. Additional tools include curriculum mapping, and lesson planning.

Offering technical assistance and support with great assistance from student volunteer workers known as the **ND Tech Squad**, guided and directed by Mrs. Duignan.

Gifting older desktop computers to both students and staff for home use, as needed. (An ongoing opportunity)

Providing **ongoing professional development** and software support for all faculty & staff.

Inspiring students and teachers and **watching student achievement** grow.

Making certain that our technology plan is both **inclusive and nurturing**.

Daily updates and postings on ND website: www.ndjugglers.org - Check it out.

Most significant networking assets:

Infrastructure:

Wireless access (6+ years), coupled with wired access throughout ND

Additional bandwidth and speed with the install of T-1 line

Managed switch to handle the great increase in constant online use

Sonicwall for content filtering and network management

Hardware:

State-of-the-art stationary computer lab (Room 202 – 28 Mac minis) creates an inclusive and nurturing digital experience.

School library and media center – 16 state of the art computers. Additionally all resources are catalogued, accessed and managed online thru L4U.

Desktop computers available throughout building, wherever requested (including mini-labs in science classrooms.)

Laptops in the hands of every teacher/administrator (Either PC or Mac – indiv. choice)

Projectors in every room

3-D Visualizers (Elmos) in more than one-third of classrooms

Smartboard technology available in several classrooms through use of 2 full-size smartboards and 9 smartboard tablets

2 Resource Lab2

Downstairs: 6 dedicated Dell computers for instruction and use by students with Learning Disabilities (Additional computers in Resource for tests and project development)

Upstairs: 3 dedicated Dell computers for instruction and use by students with Learning Disabilities

2 well-equipped computer labs for AIS programs and student remediation

Student access and classroom shared use of 4 mobile lab carts (2 for general use - 27 iBooks each; 2 science carts – total 15 iBooks w/ digital microscopes and probes.) (Currently setting up a 5th mobile lab cart.)

PC lab available for use after school by the Boys & Girls Club

Flash drives purchased and used by all faculty, staff and students

Network, shared, and stand alone printing throughout the building

Continuous computer upgrades, support & maintenance

Continued licensing for Sonicwall – content filtering, firewall, etc; network monitoring of wired and wireless resources and their access.

Software (general use)

- Microsoft Office Suite: Word, Excel, and PowerPoint
- Internet browsers: Internet Explorer, Safari, and Firefox
- AVG – PC antivirus
- Web2school – attendance and report cards
- School Island – content area drill and review
- TeacherEase
- Publisher, FrontPage and Macromedia Dreamweaver, as appropriate
- Adobe Pagemaker and Photoshop
- iLife training: iTunes, iPhoto, iDVD, iMovie, and Garageband
- Comprehensive use of Web2school for daily attendance, report cards: grades, averages, comments, etc.