

# ***Personal Teaching™ A Teacher-directed Integrated eLearning System***

**Personal Teaching™** puts the teacher at the center of an integrated eLearning system, directing and teaching students in **SchoolWork™** with versatile digital communication and on-going real time status of each student.

## **Strengths and Features of Personal Teaching with SchoolWork:**

- 1) Teachers direct learning, with structured communication, either wirelessly or networked, and with access to how and what each student is doing;***
- 2) Students thrive with the diversity of digital materials, receiving and returning structured interaction and accountability with and to their teacher;***
- 3) Teachers share and improve their best teaching and assessment materials with their district and other teachers;***

**Versatile** in three modes:

- 1) **Palms** or **Laptops** assigned one-to-one students;
- 2) Students sign-in at school or classroom **Computer Labs**;
- 3) Palms or laptops **checked-out** for students to use at school or to take home.

**Connected** in three ways:

- 1) **Wireless** in classrooms;
- 2) Wireless or **wired** computer labs;
- 3) Assignments or tests can be **internet accessible** from student's homes or elsewhere.

**Integrated** – all three modes (Palms, Laptops, Labs) and connections (Wireless, Wired, Internet) can be used by students inter-changeably. Real time integration from Ascent™ student information at the district, to the teacher in the classroom – when a new student enrolls, their information is interfaced to the teacher's desktop.

**Teacher-directed:**

### **Send teaching materials, electronically:**

- 1) Entire books, chapters, worksheets, powerpoints, etc.
- 2) Video, audio -- teacher prepared, public or licensed;
- 3) Assignments, directing students to web-sites or courseware, or to embedded video, audio, pictures, etc;
- 4) Term papers, essay or writing assignments;
- 5) Practice problems;
- 6) Quizzes, tests;

### **Know what is expected back from students, and what is outstanding:**

- 1) Classroom assignments;
- 2) Homework assignments;
- 3) Reading, viewing, listening assignments;

- 4) Quizzes, tests;
- 5) Know status for both for paper and electronic assignments;

**Know how each student is doing, in a connected on-going basis:**

- 1) Electronically scored classroom and homework assignments;
- 2) Convenient for frequent tests on each standard and objective;
- 3) Convenient for follow-up assignments and tests for students not meeting objectives;

**Send assignments, materials, tests to:**

- 1) The entire class;
- 2) Individual, or specific students;
- 3) Pre-grouped set students.
- 4) Students having difficulty with a specific concept or topic.

**Students use their computers with direction and accountability**

**Materials from multiple sources:**

- 1) Teachers can use their own existing materials, assignments, tests, handouts, either on paper or as digital materials;
- 2) The system tracks both digitally sent assignments/tests or paper distributed assignments/test;
- 3) Shared materials from other teachers, districts, public websites, etc. (Ed Tech Labs embedded Sharehouse website provides **a structure for sharing** teacher and district prepared materials.)
- 4) Open source / open content materials from an increasing breadth of public websites – textbooks, lesson plans, courseware, video, audio, books, tests, assignments, worksheets, etc.;
- 5) State coordinated tests and materials;
- 6) Any content or instructional materials commercially licensed for electronic distribution.

**Full spectrum of digital materials** is supported either sending it separately to a student or the picture, audio, video or website can be embedded within an assignment or test.

- 1) eBooks
- 2) Word documents, Excel spreadsheet, PowerPoint presentation
- 3) Website
- 4) Pictures, images, graphics
- 5) Full video
- 6) Audio, MP3
- 7) Palm applications

**Multiple Teaching Settings – Individual or Group/Class**

Both **individual** and **group/class** teaching **settings** are supported. In group teaching, the teacher can use a large screen to display any digital or teaching content, including documents, spreadsheets, pictures/images, or web-sites. Students respond in a live real time discussion to multiple choice, true/false or short answer questions or discussions with the display of immediate, live results, which can be either anonymous or identified. At the teacher's option, results are scored, reported and integrated into the teacher's records of assignments, tests, classwork, or homework.

**Results – Structured and with continuity**

Student results and status are structured and available on-going for review by the teacher. Follow-on assignments can be made with students as helpful or needed. Full history and results are kept on each student.

**Variety of student interaction and response** – Assignments, Quizzes, Tests can be:

- 1) Short Answer;
- 2) Extended Answer;
- 3) Essay (allows multiple submissions and teacher reviews)
- 4) Term Paper (allows multiple submissions and teacher reviews);
- 5) Multiple choice;
- 6) True/False

### **Two way digital, wireless communication**

Assignments, homework, quizzes, tests and materials are assigned by the teacher and electronically distributed. Students complete their work and submit their results electronically to the teacher, already scored by the system, and with integrated results, from individual or group work assignments or tests. The teacher designates whether students see the scored results, before or after submission.

### **District-wide or state directed testing**

Supports controlled testing of students school-wide, district-wide, or in state directed tests on the computers or computer labs available in a school, district office or technology center.

### **District data aggregation**

Data is accessible and convenient for district-wide aggregation.

**Increased Security** – items on assignments, quizzes or tests can be randomized for each student, helping keep each student on their own work. Content on the Palms can be controlled by the teacher to only authorized content. Messages from the teacher are sent directly through the system; no email is necessary to be setup, administered, or protected.

### **Further Integration**

- 1) Assistance is available to interface data to gradebooks, or your student information systems.
- 2) Assistance is available to integrate materials to state standards.
- 3) Interfaces to give parents learning status on their students through web access.

### **Use existing equipment**

With Personal Teaching and SchoolWork, you can make immediate better use of existing computers and Palm handhelds for students and teachers. Create a path to productively add new technology and a means to measure its effectiveness.

### **Supported systems:**

**Teacher:** PC Compatible desktop or laptop computer, with Windows XP, Internet connection is optional.

**Student Laptop or Computer Labs:** PC Compatible with Windows XP, Internet connection is optional. (Planned future support for Apple version X, and Linux on student systems)

**Student Palm Handhelds:** Palm TX or Tungsten C (both come with wireless); Palm OS version 5 or greater; Documents-to-Go version 7 or greater.

**Phase your textbook budget gradually into new technology**

Personal Teaching supports the breadth of the expanding spectrum of new technology. Plan to make better use of your textbook budget, phasing in new electronic technology and using the best materials both from open source and commercial materials. *If a student has a laptop or Palm handheld, the teacher can send books to the student electronically, for them to read on the Palm or laptop; seven to ten books can be held on a Palm and even more on a laptop, and you can begin to shift your book and textbook budget to the efficiencies of modern digital media. Invest in Palms and laptops instead of paper textbooks and make use of 21<sup>st</sup> century digital technology.*

***Personal Teaching and SchoolWork are available for your classroom now!***

***Students and teachers are provided the instant feedback they need!***

Software provided by Education Technology Labs, [www.edtechlabs.org](http://www.edtechlabs.org), [info@edtechlabs.org](mailto:info@edtechlabs.org).

Support is available through Timpanogos Technologies, [www.timptech.com](http://www.timptech.com), [info@timptech.com](mailto:info@timptech.com), or phone: 866-804-4636, ext 250.