



TECHNOLOGY IMMERSION PACKAGE SUMMARY Region One ESC-APPLE Solution

I. Summary of Package Contents

The Region One-Apple Solution provides a comprehensive set of tools for immersing your school in technology while respecting the integrity of your instructional and network architecture. The immersion package features high quality, validated research resources from **unitedstreaming**-digital video library, **Encyclopaedia Britannica**-information resources, **EBSCO**-databases and **NewsBank**-TEKs correlated resources. Teachers and students will be able to access resources from **Classroom Connect** to provided technology literacy, content, applications, and **CTB/McGraw-Hill** for effective assessment. All of these elements are brought together by **eChalk**, your class/school online communication portal. Teachers design and disseminate lessons; students collaborate, participate, and submit work via the portal. All your resources are organized within **eChalk** so that teachers and students have one place to go for information about the school, the classroom and access integrated resources throughout the world.

II. Description of Package Contents

Wireless Mobile Computing Device

- **Apple iBook 12-inch Combo Drive M9164LL/A**
 - **Processor** 800MHz PowerPC G4
 - **Level 2 Cache** 256K at 800MHz
 - **Memory (DDR SDRAM)** 256MB
 - **Hard drive(5)** 30GB Ultra ATA
 - **Optical drive** Slot-loading Combo (DVD-ROM/CD-RW)
 - **Display** 12.1-inch (diagonal) TFT XGA
14.1-inch (diagonal) TFT XGA
 - **FireWire** One FireWire 400 port at up to 400 Mbps
 - **USB** Two USB 2.0 ports (480-Mbps each)
 - **VGA, S-video and**
 - **Modem (6)** Built-in 56K V.92 modem
 - **Ethernet** Built-in 10/100BASE-T Ethernet
 - **Wireless support** AirPort Extreme
 - **System Software** Mac OS X version 10.3 "Panther"
 - **Software Services 3 yr.-AppleCare** Protection Plan
 - **Kensington Computer Saddlebag**

Productivity, Communications and Presentation Software

eChalk allows teachers to publish vital information, such as required reading, homework assignments, etc., for parents and students alike, and use the class calendar to post activities for everyone to see, or for selected viewers only. They can manage all their classes, schedules, materials, and information in one place, and can archive what they like for next semester, or next year! This easy use product includes e-mail and data storage for all teachers and students.

Appleworks 6.0—including integrated applications for word-processing, spreadsheet, database, drawing, painting and presentation.

Online Instructional Resources

To prepare students for success in the information age, technology must become a tool that every student can use effectively. **Connected Tech** is a K-8 Web-based instructional program that teaches students technology skills within the context of the core curriculum. Fully correlated to the TEKS, Connected Tech is a Proclamation 2000 approved product.





Connected Tech is designed to:

- Enhance student achievement by integrating technology skills into the core curriculum: Reading and Language Arts, Math, Science and Social Studies.
- Promote student technology literacy by addressing the ISTE National Educational Technology Standards (NETS) for students and is correlated to the Texas TEKS for Technology Applications as well as content area TEKS.
- Enable teachers to adapt instruction based on student assessment results.
- Allow educators to save time by integrating technology with what they are already teaching.
- Motivate teachers to teach with technology.

The **Region One Instructional Resources Package** provides high-quality digital content including text, graphics, audio, and video that may be incorporated into core content area assignments. The resources are accessible anytime, anywhere by students, teachers and other school staff, as well as parents. The following resources are included in the package:

- ***unitedstreaming.com*** provides over 2,200 high quality full-length videos, over 22,000 video clips, and over 1,700 images searchable by keyword, title, subject, grade level, curriculum strand, or producer. The content is correlated to the TEKS and is easily integrated into multi-media projects.
- ***NewBank*** databases, also correlated to the TEKS, include ***NewsBank*** and ***NewsBank KidsPage***. Searchable articles cover social, economic, and environmental issues, as well as government, sports, people, the arts, health, and science issues and events. The resource includes the Big6™ information literacy model and built-in graphic organizers.
- The basic ***Encyclopaedia Britannica Online*** provides four complete encyclopedias, plus full-text magazine articles, Internet links, multimedia, interactive timelines, a world atlas, dictionary, thesaurus, and a collection of student learning activities and teacher resources. The Region One package also includes the Britannica ***Enciclopedia Universal en Español***, ***The Annals of American History Online***, and ***The World Data Analyst Online***.
- The ***EBSCO*** databases include ***EBSOhost*** and ***Searchasaurus***. These two online databases provide full text periodicals, biographies, primary source documents, essays, encyclopedias, almanacs, reference books, pamphlets, newspapers, transcripts, photos, and maps. All full text articles are rated in accordance with ***Lexiles*** (reading level indicators).
- The ***K-12 Teaching & Learning Center*** (K-12 TLC) is an online research and reference tool that makes use of high-quality, age-appropriate public domain content. Resources and suggested activities support the TEKS and are easily integrated into project-based lessons.

Online Formative Assessment Tools

CTB's state-of-the-art online ***i-know***™ testing system helps teachers access test information, schedule tests, monitor tests, and produce score reports quickly and easily. ***i-know***'s student interface combines the power of the Web with the time-tested functions of paper-based testing strategies. The system is secure, using logons, passwords, and data security technology to ensure confidentiality.





i-know Texas includes 40-item pre- and post-tests that produce scaled scores in reading and mathematics, a feature not found in other systems. It also includes a bank of items in reading and mathematics and in science and social studies for Grades 3–8. These banks are aligned to national standards and will be aligned to the TEKS by early August 2004.

Professional Development

This package includes intensive professional development face-to-face, mentoring, and online learning opportunities. Teachers will receive training on the technical components of their laptop, implementation training on the use of the **eChalk** system, **Connected Tech** and ***i-know***[™].

During the initial implementation, **Connected Coaching** will place one mentor for every seven teachers on campus in the classroom, three days a week for three weeks. This critical component will provide nine days of at-the-elbow support for instruction, planning and implementation. In addition, mentors will return for two additional days in the spring of '05 and two more days in the fall of '06 to enhance teacher confidence and competence.

A Technology Integration Specialist will be on-site to provide professional development related to the use and integration of key research resources throughout the year.

Professional growth continues throughout the year as teachers access just-in-time and ongoing integration training through **Connected University**. Selection of courses can be determined by the campus or can be self-selected. **Connected University** is comprehensive, offering content relevant training in teaching and technology integration.

Your on-campus technician will be provided with professional development and ongoing assistance by the network specialists from Region One ESC to insure that he/she has a complete understanding of all of the requirements to maintain optimal operations.

A complete task/activity timeline can be found at <http://www.esc1.net/tip/>.

Technical Support

Region One ESC technology HelpDesk will be available to answer questions and provide assistance from 8:00 am to 5:00 pm daily and will resolve issues or refer issues to technical support from the individual vendors when necessary. Campuses may choose to call technical support or a specific vendor directly if they so choose.

Technical support for hardware will be primarily provided by the campus technician. Region One ESC will provide Online Helpdesk assistance to the campus technician with phone/video conference and email access to Region One ESC network support staff when needs arise.

Project Management

Beginning with your selection of the Region One ESC and its partners as your TIP vendor, we are here for you. Region One ESC recognizes that each campus has a unique set of needs. Implementation support will be provided through a combination of onsite and video/telephone visits including five (5) days on-site implementation support including a roll-out planning meeting, roll-out (1) day support and field check (Fall 2004),





two (2) days (Spring 2005), one (1) day (Fall 2005), and one (1) day (Spring 2006). Region One project management will be available by phone/email/video conference for assistance throughout the life of the grant. Campuses that do not have video conferencing equipment will be loaned a Via Video appliance by Region One for the grant period.

The Region One ESC project manager, Elaine Sellhorn, is a former campus administrator and district curriculum/technology coordinator and has access to all product providers and the entire ESC One staff of instructional specialists and technologists to support your implementation for policy development, professional development, implementation and network/hardware related issues.

Pricing

Please refer to this table:

Technology Immersion Pilot Offered by Region One ESC and Partners

	Student Package Year 1	Student Package Year 2	Total Student Package	Value of Professional Development per Student Package
Less than 300 Students	\$ 1,685	\$ 185	\$ 1,870	\$ 256
301-449	\$ 1,539	\$ 130	\$ 1,669	\$ 230
450-599	\$ 1,515	\$ 110	\$ 1,625	\$ 216
600 or More	\$ 1,500	\$ 95	\$ 1,595	\$ 210

	Teacher Package Year 1	Teacher Package Year 2	Total Teacher Package
Less than 300 Students	\$ 1,315	\$ 30	\$ 1,345
301-449	\$ 1,315	\$ 30	\$ 1,345
450-599	\$ 1,300	\$ 17	\$ 1,317
600 or More	\$ 1,295	\$ 15	\$ 1,310

Year two (2) and three (3) costs may be reduced if campuses apply for E-rate funding for the eChalk component. The reduction in cost will depend on the discount rate for your campus. Campuses already using eChalk with an E-rate discount may receive a discount in year one if they provide appropriate documentation of E-rate award and purchase.

EXAMPLE – ABC Middle School has 450 students and 25 teachers. Using this example, our technology immersion package would cost.

\$673,675 in Year 1 of implementation

(450 students X 1,515)+(25 teachers X 1,300)=(681,750+32,500)=\$714,250

\$49,925 in Year 2 of implementation

(450 students X 110)+(25 teachers X 17)=(49,500+425)=\$49,925

\$49,925 in Year 3 of implementation

(450 students X 110)+(25 teachers X 17)=(49,500+425)=\$49,925

III. FOR FURTHER INFORMATION

For further information contact Elaine Sellhorn at (956) 984-6065, email esellhorn@esconett.org. Visit our TIP Website at <http://www.esc1.net/tip/>.

