By Emily Scharf and Judith Cramer

The eighth-grade class of Trinity School in New York City worked together to write, design, and desktop publish an elegant anthology of their own poems, with impressive results.
How can a student publication be exciting and different? This is a question teachers often ask as they face the challenge of publishing an anthology of student work. Equally important: student motivation for such an endeavor. As an audience member asked at the NECC 2001 workshop on this topic, “How can you keep your students involved for 10 weeks?”

A key to success is technology. When students do desktop publishing, they become involved with a publication from the beginning to the end of the process and, therefore, assume ownership. Emily Scharf and Judith Cramer found ample evidence of this when they worked on a writing project at Trinity School in New York City. The two teachers saw that desktop publishing was a natural extension and melding of their units on writing and typography. And it allowed them not only to integrate technology into the English curriculum but also to create a model for collaborative learning on their school’s computer network.

Origins
Emily and her middle school English-teaching colleagues wanted to celebrate the achievements of their eighth-grade students as they finished middle school and moved on to high school. In the past, a literary magazine had been the vehicle for student publication. Interested students had submitted their work. Teachers had selected what they considered to be the best writing and then had faced the onerous tasks of typing, editing, and formatting the material for a professional print shop. Problems resulted. The teachers spent long (unpaid) hours on these chores and, when the literary magazine was published, they had to deal with the hurt feelings of students (and their parents) whose writing had been rejected. An alternative would have been to publish work from all students—an impossible task under the existing system.

Judith, the middle school computer specialist, came up with a solution. She proposed to use the school’s computer network to unite the 62 eighth graders as a community of writers and publishers. Together they would create an anthology. The English teachers and Judith selected poetry as the genre for the publication. It was a risky choice in these days when many students pour their creative energies into instant messages rather than into the daunting discipline of writing poetry. On the other hand, poetry had long been a part of the school’s curriculum. And the contributors were going to be intelligent, sensitive, self-centered adolescents: perfect poets!

Types of Poetry & Poetry of Type
Along with her colleagues, Emily began the poetry unit in a traditionally didactic manner. She chose poems for the students to read and had them study content and form closely. The students were exposed to many types of poetry, spending a considerable amount of time studying sonnets (see Selected Poems on this page).

After several sessions, the lessons shifted to a more constructivist mode. Each student chose a favorite poem to teach to the class. The student teacher

Selected Poems
Poems for Meaning, Structure, and Figurative Language
Auden, W. H. “Epitaph on a Tyrant”
Blake, William “The Tyger”
Browning, Robert “Porphyria’s Lover”
Frost, Robert “Stopping by Woods on a Snowy Evening”
Lovelace, Richard “To Lucasta”
Owen, Wilfred “Dulce et Decorum Est”
Robinson, E.A. “Richard Cory”
Roethke, Theodore “The Bat”

Free Verse Form
Cummings, e. e. “In Just—”
Levertov, Denise “Six Variations”
Plath, Sylvia “Crossing the Water”

Haiku Form
Basho, Matsuo “Heat-Lightning Streak”
Ridland, John “The Lazy Man’s Haiku”

Sestina Form
Bishop, Elizabeth “Sestina”

Sonnet Form
Browning, Elizabeth Barrett “Grief” and “How Do I Love Thee?”
Frost, Robert “Acquainted With The Night”
Lazarus, Emma “The New Colossus”
McCay, Claude “America”
Shakespeare, William “Shall I Compare Thee to a Summer’s Day?”

Other Forms
Dorthi, Charles “Concrete Cat”
Elbow, Peter students’ poems from Writing with Power
was in charge of duplicating the selected poem for the class members, asking questions and leading discussion, and addressing the form and “deeper layers” of meaning. A side benefit of this exercise was that students practiced public speaking skills—and learned that teaching is not easy! Emily graded their work generously, mostly for effort rather than accuracy of interpretation. She felt that as the students taught their poems, they began to own the project.

At the same time, Judith used her computer classes (twice a week) to deal with words in a complementary way. Like Emily, Judith began in a teacher-centered manner to introduce a unit on typography and design. One of her goals in teaching the unit was to show the students how, with desktop publishing software, “anyone can be a Gutenberg.” They compared some of the ways movable type changed Gutenberg’s world with some of the ways the computer has already changed ours. The publishing process was once divided into separate functions, with different people handling editing, typesetting, layout, and printing; now one person can handle all these tasks, thanks to desktop publishing programs such as PageMaker.

Another goal was to show how the art of typography repays lifelong study. Before teaching computing, Judith was a graphic designer. Using that expertise, she compiled a collection of fonts for the students to study and work with. She used the font utility Master Juggler to set up a “type library,” with the fonts arranged in groups (see the Selected Type online supplement at www.iste.org/L&L). She chose fonts that reflected the history of type (from old-style Renaissance fonts to 20th-century sans serifs), asked the students to identify characteristics, and even assigned the children to spot examples as they traveled through the streets of New York.

After the students became sensitive to the nuances of type forms, they cre-

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**THE ARTIST**

Mr. T

barreled in a gaited undershirt

his hair standing out on all sides stood on his toes

heels together

arms gracefully for the moment

curled above his head.

Then he whirled about bounded

into the air

and with an eructation perfectly achieved

completed the figure.

My mother

taken by surprise

where she sat

in her invalid’s chair

was left speechless.

Bravo! she cried at last

and clapped her hands.

The man’s wife

came from the kitchen:

What goes on here? she said.

But the show was over.

—William Carlos Williams

~Typography By Kate McKean~

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Figure 1. A poem poster made with ClarisWorks 5.0.
Poetry continued on page 50.
Language Arts

Materials List

Hardware
Computers with 32 MB RAM or more to run several applications simultaneously (e.g., 17 Mac G3 all-in-one models + teacher's workstation = 18 total)
Laser printer for proofing draft work (e.g., Hewlett Packard Laserjet 6M)
High-end laser printer for production/binding run of finished copies (e.g., Elite XL 20/1200 from GCC Technologies info@gcctech.com)
High-end scanner (e.g., UMAX Power Look II, UMAX Technologies, Inc., Fremont CA; 800.562.0311) Video projector, which is optional, but useful for demonstrations (e.g., InFocus: www.infocus.com)

Software
Adobe or other Postscript font collection (with Oldstyle, Modern, Sans Serif, & Decorative fonts; also scripts and Zapf Dingbats or other symbolic fonts)
Adobe Type Manager (ATM) & Adobe Type Reunion. These organize fonts and display them in WYSIWYG format
Professional-level type utility (e.g., Master Juggler or ATM Deluxe, Suitcase, Font Reserve). These allow you to create groups of fonts that can be opened and closed together
Professional-level desktop publishing or page design program (e.g., Adobe PageMaker: www.adobe.com/products/pagemaker/main.html; or QuarkXPress: www.quark.com/products/xpress)
Scanning & retouching software (e.g., Adobe Photoshop) on teacher's and computers cabled to scanners; Adobe PhotoDeluxe and Color It! on other student computers

Equipment and Supplies
Metal Coil Binding Machine, coils, and wire cutters (e.g., Wire-O Punch Bind EV 32 Binding Products, 225 Vanck St., 4th Fl., New York, NY 10014; 212.727.2292)
Decorative laser papers (24-28 #) & acetate sheets, cut to size (available from Paper Access, 23 West 18th St., New York, NY, or by mail order from their catalog: 800.PAPER-01)

The student poets decided to organize their anthology by poetic forms. They made “printer’s dummies” experimenting with paper sizes accommodated by the LAN’s best laser printer. The students rejected folios, opting instead to use various colored and textured papers to define the anthology’s sections (see Materials List on this page). The hardest task was the design. Using all they had learned in their poem posters and A-to-Z primer, student designers determined how a poem should look on a page—what typeface should be used for each poetic form to best match literary and visual meaning.

Artists created illustrations to separate each section, and writers wrote introductions to explain the origin and rules of particular forms. Students held a light-hearted contest to come up with a title for the anthology. “’03 Poetry,” a suggestion made by one member of the class of 2003, was fashioned into cover art by another (Figure 3). Inside front and inside back covers were also designed, and a general introduction and a colophon were written and then designed (Figure 4). After printing, all pages needed to be folded by hand carefully, collated, and then punched and bound with metal coils.

A Group Portrait

In the end, the eighth graders created a beautiful book. Each student had a self-revealing page; but better than a yearbook, the anthology was a reflection of all the students collectively. It opened with the following passage, written by one student on behalf of all:

Anne Frank said, “I write to bring love into the world, but more than that I write to bring out the things buried in my heart.” Doing just that, the class of ’03 at Trinity created a book of their dreams and nightmares. Here is the output of our toil after we had recorded the many demons and loves hidden in our souls.

And their book was about a subject, teaching the general reader about the forms of poems and their visual representations.

The teachers knew the project was a success when, at the closing ceremony of the year—a day when summer beckons, books, papers and even diplomas are often strewn all over the place— not one poetry anthology was left behind.
Resources

Poetry

Desktop Publishing

Typography

Web Sites
Melbert B. Cary, Jr. Graphic Arts Collection: http://wally.rit.edu/cary/
Adobe Type Library: www.adobe.com/type/main.html
ARType Fonts & Art on CD: www.ragnarokpress.com/artype/
Counterspace: http://counterspace.motivo.com/

Do you have a great example of how technology has helped you make a good project wonderful? L&L wants to hear from you. See p. 1 for information on submitting an article.
MS Project is a powerful project management solution with plenty of options and features. However, managers do not even know about their existence due to the complexity of the software. In our alternative to Microsoft Project, everything is easy to understand thanks to the intuitive UX/UI design. No features or buttons are hidden. You and your team will start benefit from using GanttPRO right away not wasting time on a learning curve. MS Project will cost you a fortune, especially if you work on multiple projects and in big teams.


Paid Ads Website Application Synopsis. Project Statement: To design and develop a website which will allow customers to register and then watch paid ads through queued ads and earn money. It will allow membership packages to be selected by the logged in registered customer. Related Projects. GSoC. The R Project for Statistical Computing. Getting Started. R is a free software environment for statistical computing and graphics.