

Project URLs*

VITAL
<http://vital.ccnmtl.columbia.edu/ccnmtl/app/vital2/>

Frontiers of Science
<http://ccnmtl.columbia.edu/projects/mmt/frontiers/>

Image Annotation Tool
<http://ccnmtl.columbia.edu/projects/iat/>

The Autobiography of Malcolm X MSE
<http://ccnmtl.columbia.edu/projects/mmt/malcolmX>

Dr. B.R. Ambedkar's *Annihilation of Caste*
<http://ccnmtl.columbia.edu/projects/mmt/ambedkar/>

Social Justice Movements *wiki*
<http://socialjustice.ccnmtl.columbia.edu/>

* contact CCNMTL for access outside Columbia University

Emergency Preparedness
<http://ccnmtl.columbia.edu/projects/eprep/>

Teaching Assistant Strategy Kit (TASK)
<http://ccnmtl.columbia.edu/projects/task/>

Library Compass
<http://ccnmtl.columbia.edu/projects/compass/>

Film Language Glossary
<http://ccnmtl.columbia.edu/projects/filmglossary/>

Caleidoscopio
<http://ccnmtl.columbia.edu/projects/kscope/>

Latin American Humanities Resources
<http://latinhum.ccnmtl.columbia.edu/>

Project Portfolio 2006

ABOUT CCNMTL

The Columbia Center for New Media Teaching and Learning was founded in 1999 with a mission to enhance teaching and learning through the purposeful use of technology and new media. Our partnerships with faculty provide support in everything from the construction of course Web sites to the development of advanced projects. CCNMTL is committed to remaining a leader in its field, engaging these faculty partners in the reinvention of education for the digital age.

For more information about CCNMTL services, projects, tools, and technologies, please contact us at 212 854-9058 or ccnmtl@columbia.edu. CCNMTL has locations in 204 Butler Library, 535 West 114th Street, Mail Code: 1130, New York, NY 10027 and at the Health Sciences campus in the State Armory at 216 Ft. Washington Avenue, 2nd Fl., New York, NY 10032.

Executive Director: Frank A. Moretti
 Vice Executive Director: A. Maurice Matiz

DEDICATED TO THE PURPOSEFUL USE OF TECHNOLOGY IN EDUCATION



Video Interactions for Teaching and Learning (VITAL)

Partner: Herbert Ginsburg, Teachers College

VITAL provides a digital library and multimedia workspace in which students view clips and save notes in order to compose "multimedia essays" to illustrate their observations. Originally developed for Professor Herb Ginsburg's Early Childhood Mathematics course at Teachers College in 2003, VITAL is currently used in courses in a broad range of disciplines across the University, from Teachers College and the School of Social Work to courses in the humanities.



Frontiers of Science

Partners: David Helfand, Darcy Kelley, et al., Columbia College

CCNMTL collaborated with Frontiers of Science course directors to develop curricular plans and implement technological solutions for this new addition to Columbia College's Core Curriculum. Related efforts include creating a Multimedia Study Environment for *Frontiers of Science: Scientific Habits of Mind*, written specifically for the course by Professor David Helfand and a biodiversity field experiment in which students used handheld computers to survey plant and ant species in New York City parks.

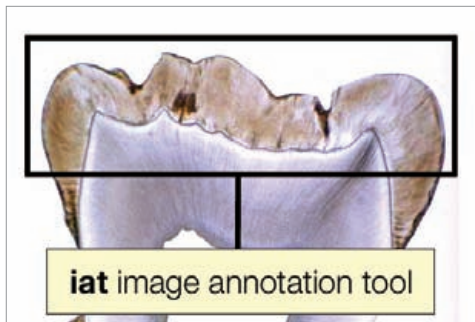


Image Annotation Tool

Partner: Letty Moss-Salentijn, School of Dental and Oral Surgery

The Image Annotation Tool (IAT) facilitates the study of digital images. The IAT's workspace allows students to annotate images with layers that can be hidden or revealed; images can also be organized into categories that are meaningful for individual study. Faculty can create slideshows and review student work. Originally developed for a histology course at the School of Dental and Oral Surgery, the IAT can be utilized in any discipline that requires the close study of images, from art history to zoology.



Emergency Preparedness

Partners: Kristine Gebbie, School of Nursing

In order to serve New York City's need to train health professionals for potentially catastrophic emergency and terror events, Columbia University is developing a series of Web-based exercises on responding to radiological, chemical, biological, and conventional terror attacks, with special emphasis on the emergency needs of the pediatric population. Beyond Columbia's classrooms, the site will be used by more than 30,000 hospital- and community-based physicians, nurses, nurse practitioners, and physician assistants in the New York-Presbyterian hospital system.



Teaching Assistant Strategy Kit (TASK) Prototype

Partner: Jane Kenefick, Arts and Sciences; MIT's Teaching and Learning Laboratory

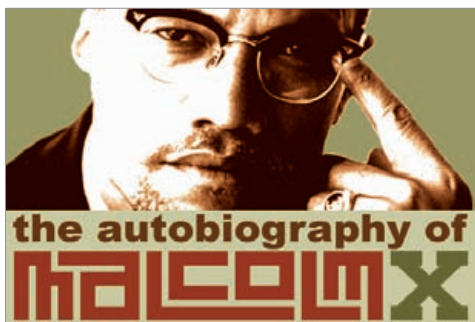
TASK is a prototype developed in collaboration with Columbia's American Language Program and MIT's Teaching and Learning Laboratory to help TAs and novice instructors become better teachers. Short videos provide models of effective classroom strategies and techniques that TAs can incorporate into their own practice. The site also includes pedagogical research that allows teachers to explore the theories that support the tactics suggested. CCNMTL is currently seeking funding to complete this resource.



Library Compass

Partner: Columbia University Libraries

The Libraries at Columbia University provide students with a wealth of information that can be daunting for the uninitiated. Library Compass orients students to the range of research tools available to them and offers guidance to build their research strategies. The Compass provides four points of entry, guiding students through the process of planning research papers, searching for specific resources, evaluating the credibility of various resources, and documenting research with proper citations.



The Autobiography of Malcolm X MSE

Partner: Manning Marable, Arts and Sciences

The *Autobiography of Malcolm X* Multimedia Study Environment (MSE) presents the full text of this seminal memoir with links to critical annotations. A student can study *The Autobiography* through four different "lenses," or perspectives, that illuminate the political, cultural, global, and faith-based aspects of Malcolm X's life and legacy. The site serves as a rich archive of primary sources, including historical documents, images, and news clips as well as original video interviews with scholars and Malcolm X's contemporaries.



Dr. B. R. Ambedkar's Annihilation of Caste MSE

Partner: Fran Pritchett, Arts and Sciences

Dr. B.R. Ambedkar was one of the first highly educated (Ph. D., Columbia University), politically prominent members of the Hindu "Untouchable" caste. He wrote *The Annihilation of Caste* for a 1936 meeting of liberal Hindu caste-reformers in Lahore. When organizers revoked his invitation after reading his inflammatory text, he published the work himself, which became an immediate classic. The MSE features the full speech, edited and annotated for classroom use by Professor Pritchett as well as other major texts by Dr. Ambedkar, a timeline, and video interviews with faculty members.



Social Justice Movements wiki

Partner: Robin D.G. Kelley, Arts and Sciences

Students in Professor Robin D.G. Kelley's spring 2005 undergraduate course "Black Movements in the U.S." developed a collaborative Web site defining key social justice movements in the United States. They explored the political visions of organizations including labor, civil rights, black liberation, feminism, environmental justice, and anti-globalization, and their impact on local communities. As Professor Kelley continues to teach this course, new groups of students continue to add to the site, making it a valuable tool for social justice research.



Film Language Glossary

Partners: Richard Peña, et al., School of the Arts

The Film Language Glossary defines a broad range of terms that span the major themes of Film Studies, from practical and technical terminology to the language of critical studies. Each definition is illustrated with film clips and images; many feature audio commentary and graphic annotations by professors David McKenna, Richard Peña, and James Schamus that help viewers understand specific techniques. The Film Language Glossary was produced in collaboration with the School of the Arts and Columbia University Libraries, and will continue to grow as more terms are added.



Caleidoscopio

Partner: Daniela Noe, Barnard College

Caleidoscopio is an innovative film-based curriculum for advanced language instruction that immerses students in an all-Italian site. Students view clips from Italian comedies with optional captions and a synchronized glossary. Each film is accompanied by supporting material that provide context for analyzing the film clips, including interviews with actors and directors as well as texts on the social and cultural themes portrayed within the movies. Students analyze and reflect upon the films, integrating their Italian reading, writing, speaking, and listening skills.



Latin American Humanities Resources

Partner: Anke Birkenmaier, Arts and Sciences

CCNMTL worked with Latin American Humanities faculty to provide a solution to allow multiple instructors to share a common library of teaching resources across different sections of the two-semester course. With the Latin American Humanities Resources site, instructors are able to add bibliographic citations, lesson plans, discussion questions, paper topics, and sample exam questions to create a rich repository of material to support the study of 20th century Latin American literature and culture.