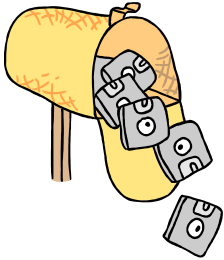


Staff Development Supplement



www.sachem.edu

Understanding the TerraNova Achievement Tests

The TerraNova Exam is published by CTB McGraw-Hill. The exam provides information on four areas:

- Reading and Language Arts
- Mathematics
- Science
- Social Studies

ABOUT TERRANOVA (TENNESSEE DEPT. OF EDUCATION)

<http://www.state.tn.us/education/wtterrano.htm>



<http://www.ctb.com/>

TENNESSEE.GOV

Department of Education

<http://www.state.tn.us/education/tsteststrategies.htm>

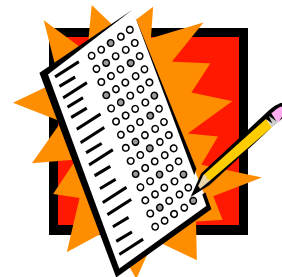


[Click on Curriculum/Technology Tools](#)

Since the exam is a standardized text, it is always administered with similar questions, directions, time limits, and scoring criteria. These results are then compared with those of other students across the country on the same grade level.

Students are asked to answer multiple choice questions and constructed response items.

Further information is provided through the electronic resources listed to the right.



Achievement Testing Data Resources

99% of American schools are connected to the Internet.

The Art of Teaching
A Supplement to Instructor, sponsored by Canter



<http://nces.ed.gov/nationsreportcard/>



<http://www.ncme.org/>

NCME is an organization that is incorporated exclusively for scientific, educational, literary, and charitable purposes.

Analyzing TerraNova Objectives Reports

National Geographic online presents the Underground railroad on the web at:

<http://www.nationalgeographic.com/railroad/>

The activities available on the website include an interactive journey which offers readers an emotional and historical exploration of slavery. There is also a teacher's guide with activities appropriate for Kindergarten through twelfth grade.

The format of this website follows a choose your own adventure, where students have different experiences depending on the decisions they make. Throughout the



adventure students examine historical documents and sound bytes.

This site also houses historical maps of the routes to freedom, a timeline, facts for kids, the faces of freedom biography section, and resources and links.

Scholastic also offers an interactive unit entitled *Culture and Change: Black History in America*. Students can learn about famous African Americans, listen to jazz music, publish their own writing, and explore history with the interactive timeline.

<http://teacher.scholastic.com/activities/bhistory/>



Test Prep Resources

Planning a March project to celebrate Women's History Month? Join us as we explore some of the best Web sites for and about women:

Women who changed history is an interactive unit created by Scholastic which outlines women who have made a difference. Students can research five historic female personalities and participate in the National Women's History Project by nominating a notable woman and writing a persuasive essay to support their nomination.

<http://teacher.scholastic.com/activities/women/index.htm>

Visit The Women in World History Curriculum Web site. Under Lessons you'll find activities related to women from ancient Rome to Mesopotamia, from the Dark Ages to World War II. This interactive site includes biographies of female heroes, reviews of classroom resources about women, words of wisdom, and links to other resources.

<http://www.womeninworldhistory.com/>



The Adventures of CyberBee

<http://www.cyberbee.com/>

Examine a new primary source each month with questions that help students think critically with the *Primary Source of the Month* activity. These activities are archived in an on-line library.

There is an interactive question and answer activity to teach students the basics about copyright laws on this web page.

Explore the *how to's* and *treasure hunt* sections for tutorials and interactive, interdisciplinary activities to further

explore the web and computer applications for beginners.



A Guide to Gardening

As the ground begins to thaw and the seasons change this spring, thoughts turn towards planting seeds in the garden. The websites listed below are interactive activities which support lessons regarding plant lifecycles and care.

Plant Parts Salad

<http://www.hhmi.org/coolscience/vegquiz/index.html>

Build a salad with edible plant parts.



<http://www.urbanext.uiuc.edu/firstgarden/index.html>

My First garden labels seed packets and a variety of garden locations.

American Museum of Natural History (OLOGY)

www.amnh.org

This site covers archeology, astronomy, biodiversity, Albert Einstein and genetics and features hands-on activities for each of these areas under "Stuff to Do." Students can make flip books about phases of the moon and DNA bracelets. Each science subtopic contains a "What's the Big Idea" link that ties the scientific concepts covered to everyday activities. There are games and chances to meet and communicate with the scientists.



Ben Franklin's Guide to U.S. Government For Kids

bensguide.gpo.gov

Ben's Guide to U.S. Government for Kids is the educational component of *GPO Access*, the Government Printing Office's (GPO) free online service of official Government information from all three branches of the U.S. Government. *Ben's Guide* provides information and activities specifically tailored for educators, parents, and students in K-12. These resources can help teach about our government and how it works. Activities are arranged by grade level kindergarten through twelfth grade. There are games and activities, as well as an alphabetical guide to government and lessons

Worm World
<http://yucky.kids.discovery.com/flash/worm/pg000216.html>



Read an interview with Eddie the Earthworm.

The Underground Network
http://www.fnmh.org/ua/node_1.htm

This site is an underground museum tour with exhibits featuring underground creatures.



Smithsonian Institution

www.smithsonianeducation.org/students

This site features interactive exhibits for the sixteen museums on the Smithsonian Institute in Washington D.C. Everything art links art from the museums to the curriculum. There is a focus on Women's History Month and African Masks, as well as the ability to create a sculpture on-line. There are also sections explore science and nature, history and culture, and people and places.



about American symbols. Government is discussed on a local, state and national level.





To further discuss ideas for integrating technology into your curriculum please do not hesitate to contact your building staff developer.

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Resources for Parents

Fun Ways to Encourage Your Children to Read

<http://www.urbanext.uiuc.edu/familyworks/school-04.html>

These are fun activities that you can do with your child(ren) to encourage them to read and to reinforce the importance of school.

How Can I Be Involved in My Child's Education?

<http://www.eric.ed.gov/archives/involved.html>

Research studies consistently reveal that high student achievement and self-esteem are closely related to positive parental participation in education. Parents and schools need to work together so all children can succeed in school.

Family, Career and Technical Education Publications for Families and Educators

<http://www.doe.state.la.us/ldc/family/1226.html>

This site links to resources including daily activity calendars for the primary grades.

ReadyWeb

Virtual Library:
Tips for Parents

<http://readyweb.crc.uiuc.edu/parents.html>

This website is the Ready Web Virtual Library: Tips for Parents.

Test Strategies for Students, Parents, and Teachers

<http://www.state.tn.us/education/tsteststrategies.htm>