

RISE Academy School of Science & Technology

Curriculum

The RISE Standards-Based Curriculum is aligned with State and National Standards and represents a rigorous approach to teaching content, concepts and skills for today's learners.

Reading/Language Arts

RISE Academy's Comprehensive Reading Program is supported by research based Houghton Mifflin Reading (<http://www.hmhschool.com/School/index.html>). Our reading program incorporates the newly revised reading and language arts strands and standards for 2007. A comprehensive literacy model means that an appropriately balanced amount of time is provided for each component of reading, to develop well rounded readers. RISE's curriculum is rich in literature with instruction that's explicit, systematic, scaffold, differentiated, and supported in a print-rich environment.

Special Features:

- Technology integration
- Leveled Readers
- Project-Based learning
- Reading – Writing Connections
- Variety of text

Mathematics

When students can connect mathematics to their everyday lives, the material is grasped quicker and essential skills are sharpened when mathematics is integrated across the curriculum. RISE Academy mathematics program is supported by researched based Harcourt Mathematics (<http://www.hmhschool.com/school/index.html>).

The Math curriculum emphasizes sequential learning, mastery of content, critical skills and project-based instruction that accesses various learning styles for students.

Special Features:

- Technology integration
- Leveled Readers
- Manipulatives
- Science and Society Connections
- Math models

Science

RISE Academy School of Science & Technology mission is to build American Scientist for the 21st century. RISE uses Harcourt Science (<http://www.harcourt.com>) curriculum materials in addition to a host of resources through Delta Education (<http://www.delta-education.com/index.html>). RISE science program is supported by the National Science Foundation (NSF) and the National Science Teachers Association (NSTA). The materials are rich with activities that help students understand concepts and develop skills that are essential building blocks in thinking critically. The curriculum integrates math, reading, and writing skills to enrich the curriculum while meeting or exceeding state and national standards.

Special Feature:

- State-of-the-art science labs
- Lab Coats
- Hands on science daily
- Dissecting, experiments and investigations
- Science Fair
- Science related fieldtrips
- Connecting science to the real world
- Literacy rich environment with leveled readers
- Technology integration

Foreign Language

Spanish is taught as a part of the RISE curriculum. Sonrisas Spanish (<http://sonrisasspanishschool.com>)

is a complete Spanish curriculum for elementary school children. Lessons include audio/visual lessons, art projects and home learning activities. By appealing to each student's strengths through song, dance, reading, and art projects, Sonrisas Spanish lessons helps create an environment in which students have fun as they begin to learn Spanish.

Special Features:

- Visual integration
- Audio tapes
- Art projects
- Songs to reinforce foreign language development

Music

RISE Academy uses *Scriptbeat Music Source* (scriptbeat@comcast.net) curriculum for elementary students. The curriculum is rich in song, movement, instruments and art. The curriculum integrates mathematics as students learn beats, counts and rhythm to communicate through song. Students also learn about various instruments and the sounds they make. Students play instruments, move to music and learn to distinguish between sounds.

Special Features:

- Audio tapes of music
- Art activities
- Instruments (drums, tambourine, cymbals, recorders)