

REVISION OF THE *NORTH CAROLINA SCIENCE STANDARD COURSE OF STUDY*

Timeline

In May 2005, the State Board of Education approved this timeline for the implementation and testing schedule of the *North Carolina Science Standard Course of Study*.

| School Year | 2003-2004 | 2004-2005 | 2005-2006 | 2006-2007 | 2007-2008 |
|--------------------|--|---|--|--|--|
| Curriculum | Presented to new curriculum to SBE (December) | Transition Year K-8; 9-12 still using 1999 curriculum Development of Support Materials | Implementation Year for K-8 2004 curriculum; 9-12 still using 1999 curriculum | Monitoring K-8 Implementation 2004 curriculum 9-12 | → |
| Textbooks | Textbook Call (Spring 2004) Textbook Review (Summer 2004) | Textbook Selection by Schools | New Textbooks in Schools | → | → |
| EOG Testing | Item Writing and Editing | Item Tryouts ¹ Grades 5 and 8 | Field Test ² EOG Grades 5 and 8 | Pilot Test EOG Grades 5 and 8 | New EOG Operational Testing at Grades 5 and 8 |
| EOC Testing | Current EOC Operational Testing aligned with the 1999 curriculum | Current EOC Operational Testing aligned with the 1999 curriculum; Item Writing and Editing | Current EOC Operational Testing aligned with the 1999 curriculum; Item Writing and Editing | Statewide EOC Field Testing aligned with the 2004 curriculum Chemistry, Physical Science and Physics, Sample Field Testing for Biology. EOC Operational Testing for Biology ONLY aligned with the 1999 curriculum. | New EOC Operational Testing aligned with the 2004 curriculum |

¹ Item tryouts – item tryouts will be treated as field tests to comply with state statutes regarding field testing in schools)

- item-based
- does not cover all objectives (science only covers those objectives that are testable and are common to both the old and new curricula.
- allows for “trying out” of new item types and formats (such as passage-based items, graphs and charts) and test formats.
- does not result in robust or generalizable statistical information that can be used to equate tests (item calibration)
- approximately 1,000 students per item

² Field Test

- form-based
- covers all objectives (looks just like the “real” test)
- final item and form calibration (information used for equating)
- get reliability and validity information for the **whole** test and the **whole** curriculum
- approximately 1,500 students per form