

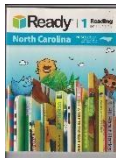
Next Generation Academy Curriculum Guide

LITERACY

Ready Reading



The Ready Reading is a K-8 program that uses a problem-solving based approach created to help build understanding through reasoning, practice and productive discussion using real-world scenarios.



Foundations

(Wilson Language Training)

Foundations is a language arts program that serves as a prevention program for Grades K-3 to help reduce reading and spelling failure with a systematic program using critical foundational skills, emphasizing:

- Phonemic awareness
- Phonics/Word Study
- Reading Fluency
- Vocabulary
- Comprehension
- Handwriting
- Spelling



DIBELS (Dynamic Indicators of Basic Literacy Skills)

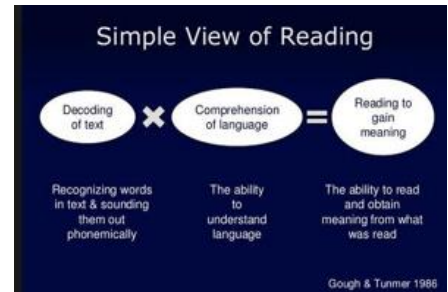
The DIBELS assessment is administered to all K-6 students three times each year.

The DIBELS Composite score is a combination of multiple DIBELS scores and provides the best overall estimate of each student's early literacy skills and/or reading proficiency.

Science of Reading (SoR)

The SoR identifies five essential components that make up the Simple View of Reading. Structured Literacy incorporates all five:

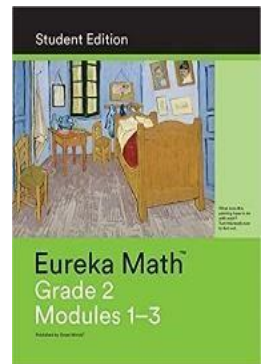
- Phonemic Awareness
- Phonics
- Fluency
- Vocabulary
- Comprehension



MATH

Eureka Math (Grades K-5)

Eureka Math is a holistic Pre-K through 12th grade curriculum that helps students truly understand mathematics and connect it to the real world, preparing them to solve problems they have not encountered.



Open Up Math (Grades 6-8)

Open Up Math has student-led instruction that encourages student growth through problem-solving and hands-on learning. The practical problem-solving immerses students in real-world scenarios, challenges and learning opportunities to support student visibility and social awareness.

Studies Weekly

NGA enhances their social studies curriculum for grades 3-8 with *Studies Weekly*. For grades K-2, we integrate social studies into the ELA curriculum. Our approach does not rely on textbooks but instead offers an interactive and engaging core curriculum. NGA follows the state standards with content that is interactive and organized around engaging themes.



Science



In **grades K-2**, students actively explore scientific concepts and develop foundational skills in observation and measurement. Through simple investigations, students begin their scientific journey, laying the groundwork for future learning.

In **grades 3-8**, students further enhance their problem-solving skills through hands-on investigations and group work. They learn to apply the scientific method, through a structured research process where problems are identified, information is gathered and tested through experiments to support their results.

SPECIALS/ELECTIVES

Art

Physical Education

Music

Spanish

WozEd STEM Pathways

- Cybersecurity
- Robotics
- Drones
- Data Science
- Coding
- Animation
- Mobile Development



Lü Interactive Playground

Lü transforms school gyms into immersive learning environments. Lü allows children to move around and work together, encouraging cooperation and collaborative learning.

Lü integrates technology into activities that are based on a curriculum that encourages interdisciplinary learning by integrating STEAM (Science, Technology, Engineering, Arts and Math) subjects.



Standards-Based Grading

NGA utilizes Standards Based Grading (SBG). In SBG, grading is based on demonstration of mastery. Students attempt standards-aligned activities. Teachers assess the student output and choose the appropriate mastery level that was demonstrated. Instead of letter grades, students receive a mark of 1, 2, 3, or 4 that demonstrates how well students have mastered the skills.

Small Group Instruction

NGA incorporates ‘small group instruction’ as one strategy to reinforce and reteach specific skills and concepts in a small student-teacher ratio. Small group instruction allows teachers to work more closely with each student. Small group instruction provides the opportunity for teachers to evaluate students’ learning strengths and locate their instructional gaps.

RESOURCES

NGA utilizes:

- IXL- Personalized online learning (Reading, Math, Science) with diagnostics and actionable analytics.
- Schoolnet- An Instructional Improvement System for the public schools of North Carolina. It is an all-in-one assessment, reporting, and instructional management tool built to support educators and promote personalized student learning.
- Learning A-Z- delivers resources that empowers educators and students, teaches foundational literacy skills, and drives improved academic outcomes. Components include Reading A-Z, Raz-Plus, Headsprout and Foundations A-Z.

NGA administers NC Check-Ins three times each year. End-of-Grade (EOG) Tests are administered in May of each year.