

Pearson

Test Item Banks

Elementary Mathematics and Science Series



Easy Access to Test Questions Aligned to Learning Standards

Educators need tools to help identify students who are at risk academically, and develop instructional strategies to help them succeed. This often times means frequent monitoring of student performance to identify student's learning needs. Many educators have found, however, that classroom teachers lack the time and resources to develop quality test items to assess a student's grasp of the classroom material. Pearson Test Item Banks offer educators easy access to test questions aligned to learning standards.

Pearson Assessments offers a series of mathematics and science test item banks for grades 1 – 6. Content specialists from Pearson publishers, the global leader in educational publishing, developed the test item banks. Thousands of formative mathematics and science test items are available and aligned to many state and national standards.

PEARSON

Assessments

PearsonNCS.com

Focus Classroom Instruction and Promote Student Achievement

District testing personnel and classroom teachers can use the Pearson Test Item Banks for daily formative assessments or interim benchmark assessments.

They are used in a variety of ways:

- Evaluate student skills for placement early in the year
- Measure student progress toward state standards
- Provide targeted testing to identify students having difficulty with specific concepts
- Give students valuable test experience in preparation for state tests
- Assess student readiness for end-of-course or state tests

Aligned to State and National Standards

These item banks are aligned to many state frameworks, national standards, and norm-referenced tests including: California Achievement Tests, 5th Edition, Comprehensive Test of Basic Skills, Iowa Test of Basic Skills, NAEP 2005, SAT-9 and SAT-10. You can also modify the alignments to meet the particular needs of your school and district.

Works with Popular Scoring and Analysis Tools

The Pearson Test Item Banks are in ExamView® format, which allows teachers and administrators to automatically populate scoring and analysis solutions. Use these item banks with any of the following Pearson Assessments scoring solutions:

- OpScan® SelfScore® Scanners
- Remark Classic OMR® scoring software
- Prosper™ assessment system
- Classroom Performance System (CPS) handheld remote clickers
- ExamView Test Center online testing system

ExamView's innovative algorithmic functions allow a single question to be duplicated automatically to generate multiple variations of the same question. Thus, the size of the item banks with algorithmic properties is virtually limitless.

Test Item Banks Available: Mathematics Series

The mathematics series of test items includes over 3,200 formative selected-response and constructed-response items. All test items are

Math Grades 1-6

Grade 1 Concepts Covered

Patterns and Readiness for Addition and Subtraction
Understanding Addition and Subtraction
Strategies for Addition Facts to 12
Strategies for Subtraction Facts to 12
Geometry and Fractions
Time
Counting to 100
Place Value, Data, and Graphs
Money
Measurement and Probability
Addition and Subtraction Facts to 18
Two-Digit Addition and Subtraction

Grade 2 Concepts Covered

Understanding Addition and Subtraction
Fact Strategies for Addition and Subtraction
Place Value to 100 and Money
Mental Math: Addition and Subtraction
Two-Digit Addition
Two-Digit Subtraction
Geometry and Fractions
Time, Data and Graphs
Measurement and Probability
Numbers to 1,000
Addition and Subtraction of
Three Digit Numbers
Understanding Multiplication and Division

Grade 3 Concepts Covered

Place Value and Money
Addition and Subtraction Number Sense
Adding and Subtracting
Time, Data and Graphs
Multiplication Concepts and Facts
More Multiplication Facts
Division Concepts and Facts
Geometry and Measurement
Fractions and Measurement
Decimals and Measurement
Multiplying and Dividing
Greater Numbers
Measurement and Probability

Test Item Banks

Available: Science Series

The science series of test item banks includes over 1,300 formative test items for grades 1-6. The science series contains both selected-response and constructed-response items.

Science Grades 1-5

Grade 1 Concepts Covered

- Living and Nonliving Habitats
- How Plants and Animals Live
- Life Cycles
- Food Chains
- Land, Water, and Air
- Weather
- Observing Matter
- Movement and Sound
- Learning About Energy
- Day and Night Sky
- Science in Our World
- Unit A: Life Science
- Unit B: Earth Science
- Unit C: Physical Science
- Unit D: Space and Technology



Easily select the question banks you want.

Grade 2 Concepts Covered

- All About Plants
- All About Animals
- How Plants and Animals Live
- How Living Things Grow and Change
- Earth's Land, Water, and Air
- Earth's Weather and Seasons
- Fossils and Dinosaurs
- Properties of Matter
- Energy
- Forces and Motion
- Sound
- Earth and Space
- Technology in Our World
- Unit A: Life Science
- Unit B: Earth Science
- Unit C: Physical Science
- Unit D: Space and Technology

test items for grades 1-6. The math items banks contain both available in both English and Spanish.

Grade 4 Concepts Covered

- Place Value and Money
- Adding and Subtracting Whole Numbers and Money
- Multiplication and Division Concepts and Facts
- Time, Data, and Graphs
- Multiplying by One-Digit Numbers
- Multiplying by Two-Digit Numbers
- Dividing
- Geometry and Measurement
- Fraction Concepts
- Fraction Operations and Customary Measurements
- Decimals and Metric Measurement
- Graphing and Probability

Grade 5 Concepts Covered

- Place Value, Adding, and Subtracting
- Multiplying Whole Numbers and Decimals
- Dividing with One-Digit Divisors
- Dividing with Two-Digit Divisors
- Data, Graphs and Probability
- Geometry
- Fraction Concepts
- Fraction Operations
- Measurement
- Measuring Solids
- Ratio, Proportion, and Percent
- Algebra: Integers, Equations and Graphing

Grade 6 Concepts Covered

- Numbers, Expressions, and Equations
- Decimals
- Number Theory and Fraction Concepts
- Adding and Subtracting Fractions
- Multiplying and Dividing Fractions
- Ratios, Rates and Proportion
- Percent
- Algebra: Integers and Rational Numbers
- Geometry
- Measurement
- Data, Graphs and Probability
- Algebra: Inequalities, Equations and Graphs

Science Grades 1-5

Grade 3 Concepts Covered

Plants and How They Grow
How Animals Live
Where Plants and Animals Live
Plants and Animals Living Together
Water
Weather
Rocks and Soil
Changes on Earth
Natural Resources
Matter and Its Properties
Changes in Matter
Forces and Motion
Energy
Sound
Patterns in the Sky
The Solar System
Science in Our Lives
Unit A: Life Science
Unit B: Earth Science
Unit C: Physical Science
Unit D: Space and Technology

Grade 4 – Concepts Covered

Classifying Plants and Animals
Energy From Plants
Ecosystems
Changes in Ecosystems
Systems of the Human Body
Water Cycle and Weather
Hurricanes and Tornadoes
Minerals and Rocks
Changes to Earth's Surface
Using Natural Resources
Properties of Matter
Heat
Electricity and Magnetism
Sound and Light
Objects in Motion
Simple Machines
Earth's Cycles
Inner and Outer Planets
Effects of Technology
Unit A: Life Science
Unit B: Earth Science
Unit C: Physical Science
Unit D: Space and Technology

Grade 5 – Concepts Covered

Classifying Organisms
Cells to Systems
Human Body Systems
Plants
Interactions in Ecosystems
Changes in Ecosystems
Water on Earth
Weather Patterns
Earth's Changing Surface
Protecting Earth's Resources
Matter and Its Properties
Changes in Matter
Forces and Motion
Changing Forms of Energy
Electricity
Stars and Galaxies
Earth in Space
Technology in Our Lives
Unit A: Life Science
Unit B: Earth Science
Unit C: Physical Science
Unit D: Space and Technology

Save Time and Money

The Pearson Test Item Banks save educators time and resources developing quality test items. The test item banks are also extremely affordable. Schools using our scoring solutions receive preferred pricing on Pearson Test Item Banks.

Order your
Pearson Test Item Bank CD at
800-447-3269.

Or go to PearsonNCS.com
for more information about
Pearson Test Item Banks.

Pearson NCS' engineering, production and processing services for data collection systems and forms are ISO 9001:2000 certified.



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