

TAKS The Test Objectives
(Continued)

MATHEMATICS

The TAKS mathematics test assesses how well your child understands mathematics and can apply this understanding to the real world. The knowledge and skills tested are grouped into six objectives.

Objective 1
Numbers, Operations, and Quantitative Reasoning

Students must be able to show their understanding of numbers, operations (adding, subtracting, multiplying, and dividing), and quantitative reasoning (knowing when an answer makes sense).

Objective 2
Patterns, Relationships, and Algebraic Reasoning

Students must be able to show their understanding of patterns, relationships, and algebraic reasoning (understanding the use of symbols to represent real-world situations).

Objective 3
Geometry and Spatial Reasoning

Students must be able to show their understanding of geometry and spatial reasoning (understanding the location or position of an object and the amount of space it occupies in the real world).

Objective 4
Concepts and Uses of Measurement

Students must be able to show their understanding of the use of appropriate measurement. Students must also know how to apply measurement concepts.

Objective 5
Probability and Statistics

Students must be able to show their understanding of probability (the chance that an event will occur) and statistics (the collection, organization, and interpretation of data).

Objective 6
Mathematical Processes and Tools

Students must be able to show their understanding of problem-solving strategies and tools, such as formulas, rulers, pictures, graphs, and tables.

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SCIENCE

The TAKS elementary science test given at the fifth grade assesses how well students understand science, including life, physical, and earth science concepts, and how well they can apply and analyze scientific information. The knowledge and skills tested are grouped into four objectives.

Objective 1
The Nature of Science

Students must be able to show an understanding of experimental designs, the collection and organization of data, and safety issues. Students must also be able to analyze scientific information from various sources.

Objective 2
Life Sciences

Students must be able to show an understanding of living things, such as plants and animals. Students must also know how organisms meet their own needs and interact with other organisms.

Objective 3
Physical Sciences

Students must be able to show an understanding of the structure and properties of matter. Students must also know that forces cause matter to undergo changes.

Objective 4
Earth Sciences

Students must be able to show an understanding of the forces that are continually changing Earth's physical features. Students must also know that Earth is part of larger systems involving the sun, moon, and other planets in the solar system.

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TAKS Understanding the Confidential Student Report
A Guide for Parents
Grade 5
April Mathematics

What is TAKS?

TAKS is the name of the testing program for students in Texas public schools. The letters stand for the Texas Assessment of Knowledge and Skills.

Each public school in Texas must teach the same curriculum, the Texas Essential Knowledge and Skills (also called the TEKS). The TAKS tests are based on this curriculum—in other words, on what students are being taught in school. Therefore, the TAKS tests are a good way to measure what students are learning.

Who takes TAKS?

Public school students in grades 3 through 11 take TAKS tests every spring. The chart below shows which subject-area tests are given each year.

ENGLISH TAKS

Subjects/Grades	3	4	5	6	7	8	9	10	11
Reading	♦	♦	♦	♦	♦	♦	♦		
Mathematics	♦	♦	♦	♦	♦	♦	♦	♦	♦
Writing		♦			♦				
Science			♦			♦		♦	♦
Social Studies						♦		♦	♦
English Language Arts								♦	♦

SPANISH TAKS

Subjects/Grades	3	4	5	6	7	8	9	10	11
Reading	♦	♦	♦	♦					
Mathematics	♦	♦	♦	♦					
Writing		♦							
Science			♦						

If your child receives special education services, he or she may have taken TAKS (Accommodated). While the questions on TAKS (Accommodated) and TAKS are identical, the format of TAKS (Accommodated) is different in these ways: the questions are printed in a larger type size, and there are fewer questions on each page. Also, your child may have been allowed to take this assessment with more accommodations. These supports are intended to help your child show his or her best performance on the test.

How did my child do on TAKS?

Every child who takes a TAKS test gets a report of his or her score. This report is called the Confidential Student Report, or CSR. By carefully examining your child's CSR, you will find out where your child is doing well and where your child may need to improve. For example, if your child has done well on a TAKS test, it is a good indicator that your child is learning what he or she needs to learn in that subject. Remember, the TAKS test cannot test everything that your child is learning. However, your child's score will give you a good idea about the progress he or she is making. If your child did not receive a score on a TAKS test and you do not understand why, please contact his or her school.

Your child received an overall score on each test, but you can get more information about your child's strengths and weaknesses by looking at his or her performance on each test objective.

How is my child's promotion to sixth grade related to the grade 5 TAKS tests?

Texas law requires that every fifth grader pass the TAKS reading and mathematics tests in order to be promoted to sixth grade. This law is called the Student Success Initiative.

Your child is allowed a total of three chances to pass the grade 5 reading test and three chances to pass the grade 5 mathematics test. This year the grade 5 reading test is being given in March, April, and July; and the grade 5 mathematics test is being given in April, May, and July. If your child meets the standard (passes) the first time he or she takes the reading and mathematics tests, he or she will not have to test again. However, if your child does not pass one or both of these tests the first time they are given, your child must test again. For each subject-area test your child does not pass, your school is required to give your child additional help before the next testing opportunity.

If your child takes the reading test in April or the mathematics test in May and does not pass, your school must form a committee made up of you, your child's teacher, and the principal or someone the principal designates. If your child does not pass both the reading and mathematics tests given in July, the committee will meet to decide whether your child should move on to sixth grade or repeat the fifth grade.

The purpose of this law is to make sure your child has the reading and mathematics skills necessary to be successful in school.

Why am I receiving this brochure?

This brochure has three purposes:

- to give you some basic information about the TAKS program.
- to explain a sample test report so that you can understand your child's actual test report. The actual test report, which has your child's name on it and shows his or her test results, has been sent to your child's school and should accompany this brochure.
- to provide you with a short summary of each objective on the subject-area tests so that you will know what knowledge and skills that objective tested.

TAKS Explanation of Results

- A** These are the objectives tested in each subject area.
- B** The first column shows the number of questions your child answered correctly for each objective. The second column shows the total number of questions tested for each objective.
- C** The shaded squares show the number of questions your child answered correctly for each objective. The unshaded squares show the number of questions your child did not answer correctly. Together these squares equal the total number of test questions for each objective.
- D** The first number in the lightly shaded box shows the total number of questions your child answered correctly for all objectives tested in that subject. The second number shows the total number of questions on the test for that subject.
- E** This box is where you will find your child's score on each subject-area test. The second column in this box shows when your child took the test. The third column shows your child's scale score. A scale score is a statistic used to show your child's performance on a test. The TAKS scale score lets you compare your child's score with the performance standards Met Standard and Commended Performance. The scale score indicates how far above or below these standards your child's achievement is. TAKS scale scores cannot be compared across subject areas or grade levels. The fourth column shows whether your child met the state's passing standard. The last column shows whether your child achieved commended performance.
- F** This scale shows the range of performance possible on each test. The arrow shows where your child's score (the number written in the arrow) is on the scale. The score needed to meet the passing standard and the score needed to achieve commended performance are also marked.
- G** The number after the words "Quantile Measure" is based on your child's scale score and provides you with additional information about his or her mathematical ability. To learn more about Quantiles, go to www.Quantiles.com or ask your child's school for a copy of *Information on Quantiles for Parents*.

Report Date: APRIL 2008
Date of Testing: APRIL 2008

District: 999-999 EXAMPLE ISD
Campus: 101 EXAMPLE EL

Local Student ID: 123456789
Class Group: BARBARA HART

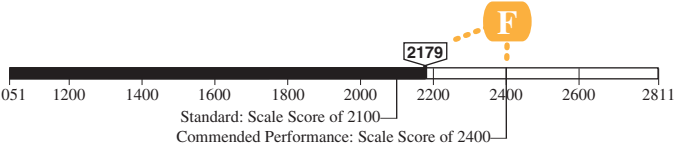
SAMPLE

Reading Test was Administered on March 5, 2008

Reading				
Grade	Test Date	Scale Score	Met Standard	Commended Performance
5	MARCH 2008	2041	NO	NO

	Correct	Tested
1. Numbers, Operations, and Quantitative Reasoning . . .	11	11
2. Patterns, Relationships, and Algebraic Reasoning . . .	4	7
3. Geometry and Spatial Reasoning	4	7
4. Concepts and Uses of Measurement	4	7
5. Probability and Statistics	3	4
6. Mathematical Processes and Tools	8	8
Quantile Measure: 700Q		
TOTAL	34	44

Mathematics				
Grade	Test Date	Scale Score	Met Standard	Commended Performance
5	APRIL 2008	2179	YES	NO



Science Test to be Administered on May 1, 2008

Document # 7201-04112

For more information about the TAKS tests, contact your child's school.

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Additional Information

Important for Parents to Know

On the TAKS tests there are three categories for student performance: Commended Performance, Met Standard, and Did Not Meet Standard. These categories are explained below.

Commended Performance

If your child's report shows a "Yes" under Commended Performance, he or she performed at a level that was considerably above the state passing standard. Your child showed a thorough understanding of the knowledge and skills tested at the fifth grade.

Met Standard

If your child's report shows a "Yes" under Met Standard, he or she performed at a level that was at or somewhat above the state passing standard. Your child showed a sufficient understanding of the knowledge and skills tested at the fifth grade.

Did Not Meet Standard

If your child's report shows a "No" under Met Standard, he or she performed at a level that was below the state passing standard. Your child did not show a sufficient understanding of the knowledge and skills tested at the fifth grade.

STUDY GUIDES

If your child did not meet the standard on one or more of the grade 5 TAKS tests, the state provides a study guide for your child free of charge. This study guide will be given to your child through his or her school. The study guide is designed to help children strengthen their skills by offering instruction as well as sample questions and explanations. Each study guide also contains a set of practice questions and a key to the correct answers.

If your child did not meet the standard in one or more of the subject areas tested and did not receive a study guide, please contact your child's school.

The Test Objectives What They Mean . . .

READING

The TAKS reading test assesses how well your child understands what he or she reads. The reading selections your child read on the test included stories, articles, and reports. The knowledge and skills tested are grouped into four objectives.

Objective 1 Basic Understanding

Students must be able to show that they have a basic understanding of the reading selections included on the test. Figuring out the meaning of an unknown word, finding important details and main ideas, and recognizing accurate summaries are all part of developing a basic understanding.

Objective 2 Applying Knowledge of Literary Elements

Students must be able to show that they understand the parts of a story—the events that happen, the setting (when and where the story takes place), the characters, and the main problem.

Objective 3 Using Strategies to Analyze

Students must be able to show that they can use different strategies to develop an understanding of the reading selections included on the test. Knowing the different purposes for reading (reading for entertainment, reading for information), recognizing the unique characteristics of different types of selections (how an article

is different from a story), and using graphic organizers (charts, graphs, outlines, pictures) are all strategies fifth graders need in order to go beyond the basic, literal meaning of a single selection or a pair of selections designed to be read together.

Objective 4 Applying Critical-Thinking Skills

Students must be able to show that they know how to use critical-thinking skills to develop an in-depth understanding of the reading selections included on the test. Students who can draw their own conclusions, make reasonable predictions about what they read, develop their own ideas, and use the text to support those ideas have a deeper, more complete understanding of a selection.