

STAAR™



Moving Forward

Making a Difference

STAAR™



State of Texas Assessments
of Academic Readiness

End-of-Course
(9th -12th grades)-
Spring 2012

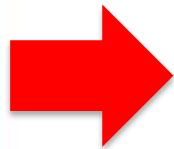
3rd -8th



Grades 3-8	High School COURSES			
Reading – Grades 3 rd -8 th Math – Grades 3 rd -8 th Writing – Grades 4 th & 7 th Science – Grades 5 th & 8 th Social Studies – Grade 8 th	Math Algebra I Geometry Algebra II	English English I English II English III * Divided into two test (reading/Wr iting)	Science Biology Chemistry Physics	Social Studies World Geography World History U.S. History

GRADUATION REQUIREMENTS

Plan for phase-out of HS TAKS and phase-in of EOC assessments



	2010–2011	2011–2012	2012–2013	2013–2014	2014–2015
GR 9		EOC	EOC	EOC	EOC
GR 10			EOC	EOC	EOC
GR 11				EOC	EOC
GR 12					

*Out-of-school testers and 12th grade retesters

- More test questions and more rigorous
- Emphasis on “readiness” standards, which are considered most important for success for the grade level or subject that follows, and ultimately, college and career readiness. Assessed every year. Supporting standards assessed on rotating basis.
- Cover material taught in the current year
- Four hour time limit to complete each test

A more rigorous test...

- Let's take a look at the progression of the Texas test over time...
 - What do you notice about the questions over time?
 - How has the difficulty level changed over time?

BARRELS OF CRUDE OIL EXPORTED MONTHLY

 = 1 Million Barrels



Texas

TABS Exit Level Math Started in 1980

Louisiana



Which state exports the least amount of barrels of crude oil monthly?

- A Louisiana
- B Texas
- C Alaska
- D Pennsylvania

One Step:
1. Fewest barrels

Enrollment in Britton Pre-School



TEAMS Exit Level Math (started in 1986)

In 1970, tuition at Britton Pre-School was \$300 per pupil. According to the graph, how much money was collected?

- A \$9000
- B \$900
- C \$600
- D \$6000

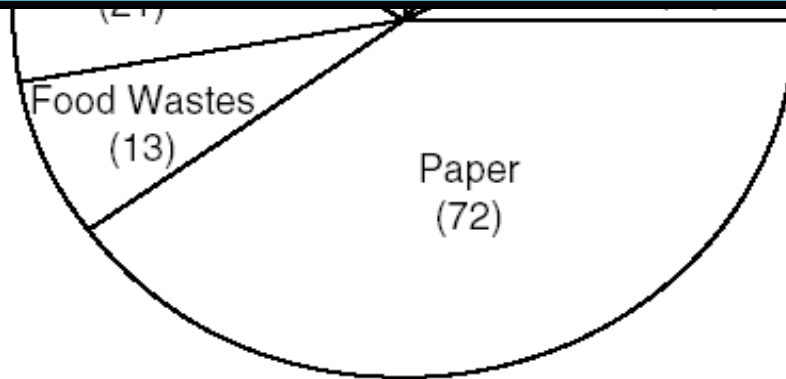
Two Steps:

1. Find point on graph
2. Multiply
 $30 \text{ pupils} \times \$300 = \$9,000$

The graph shows the types and amounts of solid waste produced in the United States in 1988.

Municipal Solid Waste, 1988

TAAS Exit Level Math (started in 1999)



Total Weight = 180 million tons

C 40%

D $66\frac{2}{3}\%$

E 72%

1. Find paper on pie chart
2. Divide tons of paper by total tons:
 $\frac{72}{180}$
3. Convert to 40%

The student council sponsor is planning to make a circle graph showing the number of votes for each of the candidates for student council president. The table below indicates the name and the vote count for each candidate.

Number of Votes per Candidate

TAKS Exit Level Math (Started in 2003)

What central angle represents the votes for the student who

- A 54°
- B 72°**
- C 90°
- D 126°

- (Bridget: 240 votes)
3. Determine Bridget's %age of votes
 $240 / 1,200 = 20\%$
 4. Know that a pie chart has 360 total degrees
 5. Determine 20% of 360 degrees:
 $.20 \times 360 = 72$

the votes for

- 12 A chemical compound's concentration in milligrams per liter during a reaction can be modeled by the function below, where t represents the number of seconds that have elapsed during the reaction.

$$f(t) = \frac{100}{t^2 + 1}$$

STAAR Algebra II (2012)

D Domain: $t \leq 0$; range: $f(t) \geq 100$

2. Determine $f(t)$ for the lowest value of t . That is, determine $f(0) = 100$.

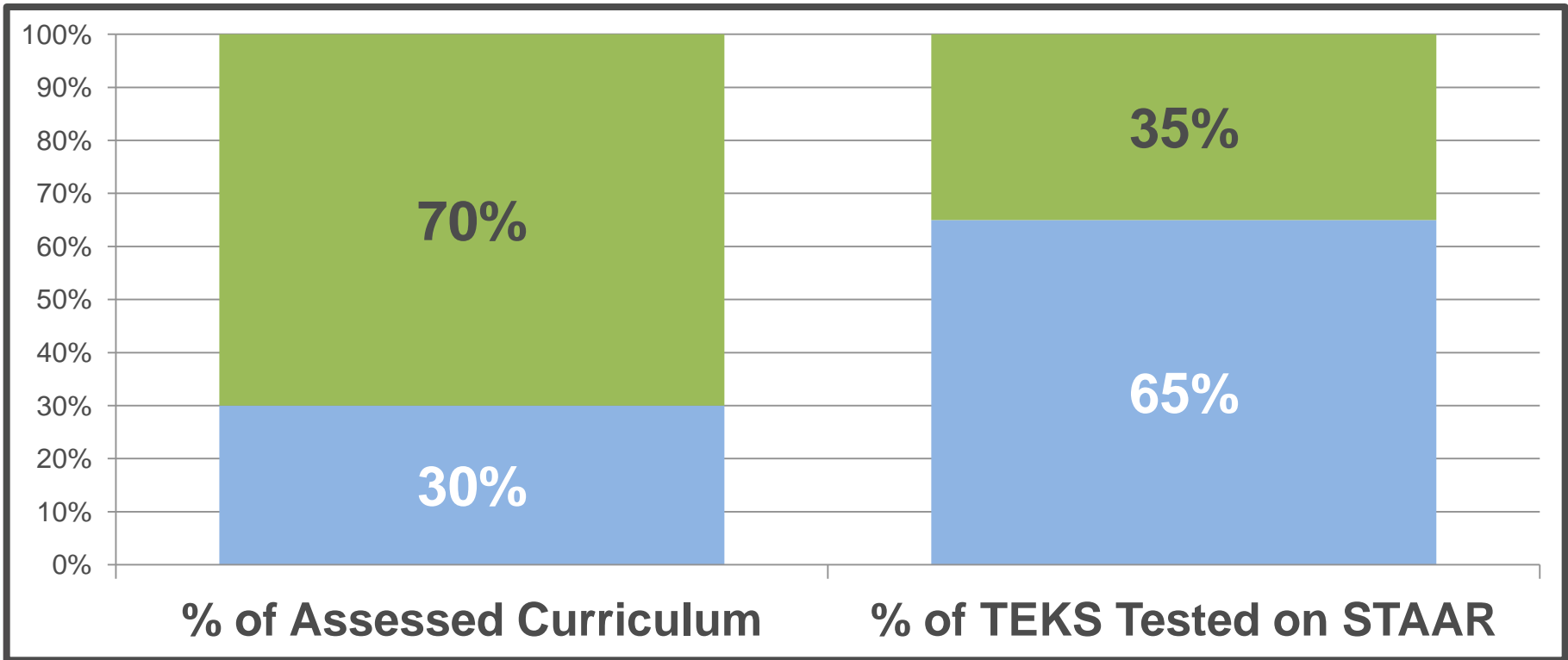
3. Determine the behavior of $f(t)$ as t increases. Note that $f(t)$ has a horizontal asymptote, $y=0$.

4. Conclude that the range is $0 < f(t) \leq 100$.

What will the STAAR actually assess?

- The STAAR will assess mastery of the Texas Essential Knowledge and Skills (TEKS)
 - Readiness Standards (65% of the test)
 - Supporting Standards (35% of the test)
 - Process Standards (skills that are assessed with the Readiness and Supporting Standards)

Readiness vs. Supporting Standards



Readiness

Supporting

How is the test “more rigorous?”

- More of the test will assess the Readiness Standards
- Many of the STAAR items are “dual coded” (two TEKS within one question) Example: (M-70%, Sci-50%, SS-35% of all items)
- The test is longer (more questions)
- The test is timed (4hrs to complete)

Assessment Testing Timeline

STAAR Grade 3-8	STAAR EOC
March and April of 2013	April 1 - 4, 2013 May 6-17, 2013 *Assessment Window

Student Performance Labels

Three Levels

Level III	Advanced Academic Performance
* Level II	Satisfactory Academic Performance
Level I	Unsatisfactory Academic Performance

* ALG II and ENG III = level of performance indicates students postsecondary readiness.

Graduation

- EOC cumulative scores determine graduation- students must meet a certain cumulative score in each subject area in order to graduate
- Scores – **please see handout**

STAAR Impact on Graduation Plans

- EOC Algebra II & English III determine graduation plan
- Minimum graduation plan does not meet the “college ready” definition- The test results from Algebra II and English III will determine graduation plan of student and “college readiness” of student.

How is CHS preparing for STAAR?

- More time in high school schedule
 - Eight Period Day
 - Response for Intervention Time
 - Advisory period
 - Before school, during school, after school tutorials
 - Summer school (SB 1031-accelerated instruction required)

How can I help my child?

- Be involved in your child's scheduling and education
- Make sure your child takes EOC courses early/on time/re-test if necessary
- Review test results, know what scores are required in-order to know if your child is on track for meeting graduation requirements

Where can I find more information on STAAR?

- Texas Education Agency
 - www.tea.state.tx.us/student.assessment/staar
- Colorado City ISD Website
 - www.ccity.esc14.net
- Contact the counselor's office **325-728-1083**