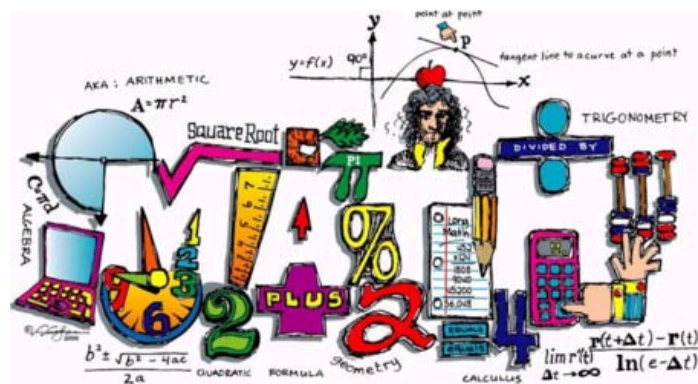
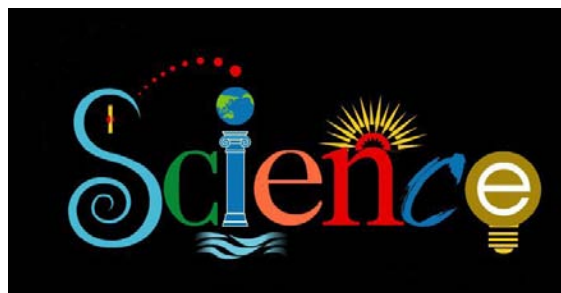


S
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and



Night

February 6, 2012

Nimitz Middle School



First and Foremost...

Thank you

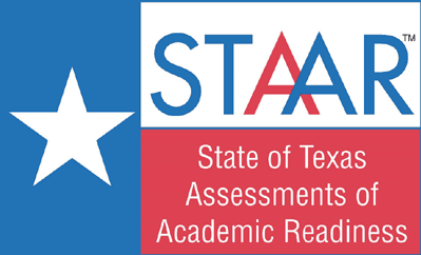


Math and Science teachers appreciate your support and participation in tonight's learning experience.



Tonight, we hope to...

- Provide you with important information for Math & Science.
- Have fun learning some Math & Science.
- Show you what your children will face this year in testing.
- Teach you some ways to practice Math and Science at home.



NEW Test this year!

Let's take a peak at how the EXIT LEVEL questions have changed through the years.

NEW Test this year!

Exit Level TABS Item (1982)

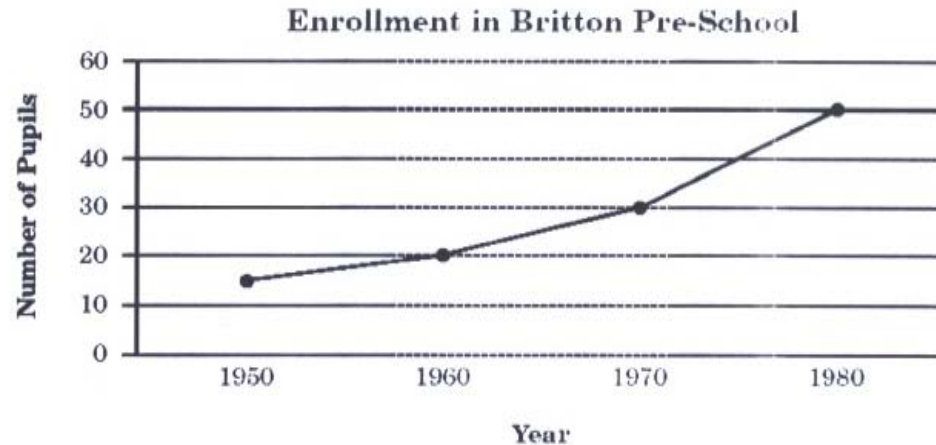
BARRELS OF CRUDE OIL EXPORTED MONTHLY	
☺ = 1 Million Barrels	
Texas	☺☺☺☺☺
Alaska	☺☺☺☺☺☺
Pennsylvania	☺☺
California	☺☺☺
Louisiana	☺☺

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

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

NEW Test this year!

Exit Level TEAMS Item (1986)



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

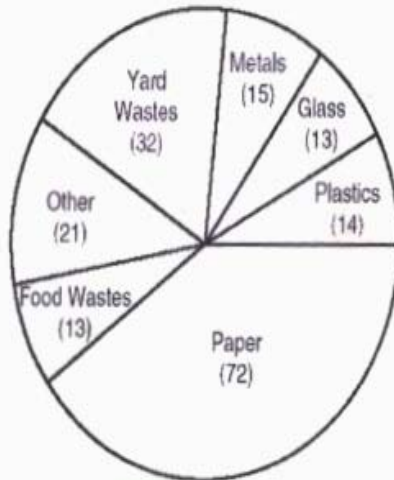
- A \$9000
- B \$900
- C \$600
- D \$6000

NEW Test this year!

Exit Level TAAS Item (1999)

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

Municipal Solid Waste — 1988
(millions of tons)



Total Weight = 180 million tons

What percent of the total solid waste was paper?

A 25%

B $33\frac{1}{3}\%$

C 40%

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

E 72%

NEW Test this year!

Now we face **STAAR**

8

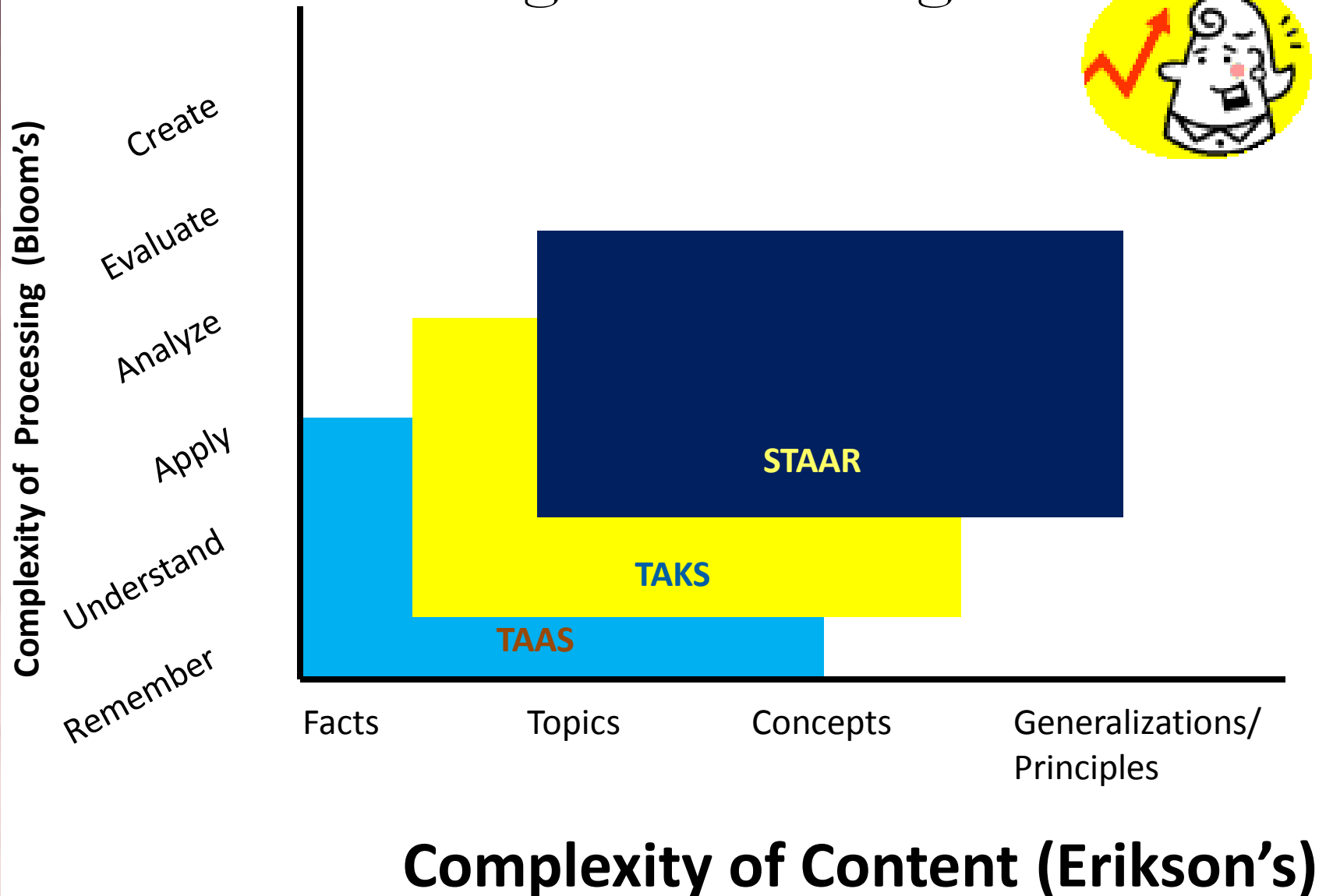
H

l	d
0	0
2	$\frac{1}{2}$
4	$\frac{1}{4}$

J

l	d
$\frac{1}{4}$	1
1	4
4	16

The Level of Thinking is getting Higher and Higher





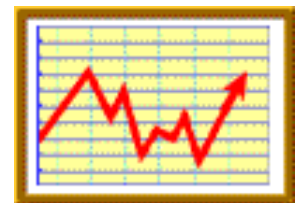
Number Sense and Computational Fluency - How can parents help?

- **When shopping - ask your kids to estimate the total cost of your purchases.**
- **When watching the weather, discuss the meaning of the predictions for rain and calculating the total rainfall for the year so far.**
- **When participating in or watching sports, ask your kids to predict how likely it is for an event to occur based on the athletic statistics.**



Algebraic Thinking- **How can parents help?**

- **Ask your kids to compute and compare your gas mileage for each new tank of gas.**
- **If planning a road trip, ask them to predict how long it should take you to complete the trip.**
- **Ask them to read and interpret graphs from the newspaper or magazines.**



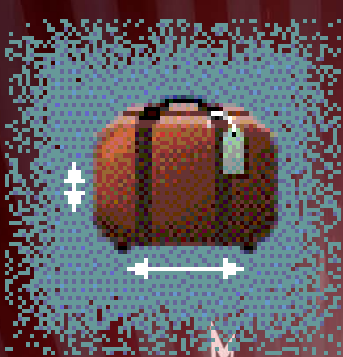
Proportional Reasoning - How can parents help?



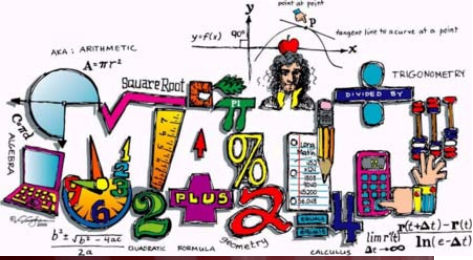
- **Ask you kids to find actual distances using a map.**
- **Discuss the meaning of statistics like “4 out of 5 dentist recommend...”**
- **Ask them to help you comparison shop and determine the better buy**



Geometric Relationships and Measurement - How can parents help?



- **Ask them to make sketches of possible rearrangements of their bedroom furniture to maximize space**
- **Refer to real-world objects using formal geometric terms –the shape of your kitchen table top is circular or rectangular; a cereal box is a rectangular prism; a can is a cylinder, etc....**
- **Compare objects in terms of dimensions (length, width, height), and space covered or filled (This 3' x 4' rug covers 12 square feet of the floor space.)**



Math Resources for Parents

- 1. NEISD Home Page – www.neisd.net**
- 2. Under Parent Link – Instruction/Programs**
- 3. Math – located at far right menu**
- 4. Parent Resources**

- [NEISD Math Home Page](#)
- [NEISD Parent Math Resources](#)
- [Homework Help](#)
- [Parents as Questioners](#)
- [Math Programs](#)
- [Problem Solving Corner](#)
- [Agile Mind](#)

Links are available in your brochure



According to the National Science Standards ...



Science is a Process of observing, inferring and experimenting using Scientific Inquiry.

Scientific Inquiry

- Describe objects and events
- Ask questions
- Construct explanations
- Test explanations
- Communicate ideas to others
- Identify assumptions
- Use critical and logical thinking
- Consider alternative explanations.



Explore The Possibilities

Scientific Inquiry: **How can parents help?**

Make a pattern of observing nature.

Keep a notebook in the car or backpack for recording interesting findings.



Explore The Possibilities

Scientific Inquiry: How can parents help?

Help them relate new things to what they already know.

“Look, this insect has two sets of wings. Have you ever seen another insect with two sets of wings?”



Explore The Possibilities

Scientific Inquiry: **How can parents help?**

Look for surprises, things that break the rules.

“Why does a feather ‘float’ even though it’s heavier than air?”



Explore The Possibilities

Scientific Inquiry: **How can parents help?**

Read!! Reading helps build vocabulary and reinforces concepts learned through instruction.

Have your child check out books about science from the school or public library and then read and share with them. Subscribe to National Geographic for Kids or other science oriented magazines and read them with your child.



Explore The Possibilities

In this way, students actively develop their understanding of science by combining scientific knowledge with reasoning and thinking skills.



Explore The Possibilities

Science Resources for Parents

North East Science website:

<http://www.neisd.net/curriculum/SchImprov/sci/sciindex.html>

<http://tryscience.com>

<http://www.sciencebob.com/index.php>

More links available in your brochure.



Explore The Possibilities

Library Resources for Parents

All Library Resources are available through the [Parent Portal](#)

Once you login, find the link to the Library Resource Page. These are just a few of the available resources:



Gale PowerSearch – Searches over 1 million magazine and newspaper articles and reference books



NetTrekker – Searches kid-safe webpages selected by librarians and educators



Access eBooks on all subjects 24/7



Encyclopedia Britannica online. En español tambien!



Access to downloadable eBooks and audioBooks. All free, all 24/7.

What about information from my child's teacher?

Go to the Nimitz Website:

<http://www.neisd.net/nimitz/index.html>

Nimitz Middle School
Home of the Seahawks
A 2009-2010 TEA Recognized School

5426 Blanco Rd. San Antonio, TX 78216 210.442.0450 (Tel) 210.442.0489 (Fax)

Home Nimitz Staff Academics Extracurricular Staff Links Lee Cluster

5 STAR NEWS

Asst. Secretary of the Navy **Juan M. Garcia** Addresses Students

Parents & Students
Admiral's Quarter
E-Library OverDrive
my LunchMoney.com
Click here

Events and Information
Español | Site Map

- **Math & Science Night** Feb. 6, 6:00PM - 8:00PM. Parents and students get the scoop on STAAR and the technology Nimitz uses to support its students.
- **Nimitz PTA** received awards for Early Bird, 10% increase in membership, Men are Really Super, and Golden Apple. Also, principal Dana Stolhandske, STEM counselor Jim Gabbard, teacher Sandra Geisbush, PTA president David Pecina, Santos Garcia, and STEM director Melody Crabb received Lifetime PTA Membership awards.

Principal's Corner
Jan 9, 2012
Sep 25, 2011
Aug 25, 2011
Contact me

Sports Schedule
Boys Basketball
8th A Team | B Team
7th A Team | B Team
Girls Basketball
8th A Team | B Team

Click on
Academics

- Mathematics
- Science

What next?

• **In your brochure you have a list of Math and Science Stations to visit.**

• **All the Math and Science teachers are located in the cafeteria ready to show you some Math and Science.**

➤ **Games**

➤ **Lessons to do at home**

➤ **Practice online**

➤ **Tutoring information**

➤ **STAAR - like questions**

• **We hope you will take away some ideas you can do at home to help your child with Math and Science.**

