

Not all of our instructional materials are correlated to the TABE. We have materials that we got from our local public schools, our own teacher-made materials, such as worksheets and activities, and educational websites. If these materials were correlated to the TABE, it would likely increase our effectiveness in making our learners more successful on the TABE.

The correlation of these materials with the TABE requires that we have a good understanding of the TABE objectives and subskills. Skills such as visualization, properties, and logical reasoning need to be understood so that instruction on these objectives will be focused correctly. Skills also need to be delineated for this same reason. I mean, number sentences and equations might be considered the same thing to the uneducated.

Cons of Internet Websites for Homework/Practice

1. Most sites don't accommodate nice hardcopies of student work
2. Students must be monitored to prevent non-educational surfing.
3. Computer access or Internet access may not be available.
4. Students need high enough reading skills to be able to work independently.
5. Website users are at the mercy of the people who own the website. The website may go away or a free site may later charge.

Pros

1. Many sites have a "canned" set of problems, but on many others problems are randomly generated.
2. Feedback is immediate and, many times, errors are diagnosed.
3. Computer literacy is increased.

TABE Objective

Subskill	Navigation Links	description
I. Numeration		
1. Place value www.aaamath.com www.math.com	Place Values Everyday Math => Place Value	identify place value of a digit in a numeral identify place value of a digit in a numeral
2. Recognize/write numbers www.aaamath.com www.funbrain.com	Naming Numbers => Numbers and Words 1-50 Numbers and Words 51-99 Words and Numbers All Games => Cookie Dough => Method 1 Method 2	identify the word name given a number 1-50 identify the word name given a number 51-99 identify the number given the word name write the word name of a given number write the number for a given word name
3. Scientific notation www.aaamath.com http://janus.astro.umd.edu	Decimals => Scientific Notation to Decimals Decimals to Scientific Notation Multiplication => Multiplying Scientific Notation Numbers Division => Dividing Numbers in Scientific Notation Astronomy Classroom => Scientific Notation Exercises => Let Me Try	write decimal number given scientific notation write scientific notation given decimal number multiply scientific notation expressions and write result in scientific notation divide scientific notation expressions and write the result in scientific notation write numbers in standard form given scientific notation
4. Ordinal numbers www.aaamath.com	Naming Numbers => Ordinal Numbers => Ordinal Numbers First – Tenth Ordinal Numbers First – Twentieth	identify the ordinal names of objects arranged in order (1 st – 10 th) identify the ordinal names of objects arranged in order (1 st – 20 th)
5. Ordering www.aaamath.com www.interactivestuff.org www.bbc.co.uk	Comparing => Ordering 1 – 7 Digit Numbers A Longer List => Switch Fraction Switch Learning => Basic Skills => Skillswise => Whole Numbers => Comparing Numbers => Game Negative Numbers => Game Fractions, Decimals & Percentages => Comparing Fractions => Game Introduction to Decimals => Activity	position a number so that it is in ascending/descending order with 2 other numbers arrange 5 decimal numbers in ascending order arrange 5 fractions in ascending order arrange 8 whole numbers in ascending order arrange 8 integers in increasing order arrange 7 fractions in ascending order arrange 8 decimals in ascending order
6. Expanded notation www.aaamath.com www.tlsbooks.com	Place Values => Place Values by Adding Printables => Math Worksheets => Expanded Form Worksheet	write ordinal form of number given expanded form write the expanded form and word nme for 20 up-to-4-digit numbers

7. Comparison

www.interactivestuff.org
www.aaamath.com

A Longer List => Decimal Challenge
Index of Exercises => Comparing => Larger or Smaller Numbers
Comparing 2, 4, and 7-Digit Whole Numbers
Comparing Fractions and Decimals
Comparing Like/Unlike Fractions
Comparing Decimals
Comparing Fractions
Comparing Fractions and Numbers

go higher or lower to guess a decimal number
select >, <, or = given 2 values
select >, <, or = given 2 values
select >, <, or = given 2 values
select >, <, or = given 2 values
select >, <, or = given 2 values
select >, <, or = given 2 values
select the larger of 2 fractions
select >, <, or = given 2 fractions
match fractions, decimals, and percentages with their equivalent forms
match fractions, decimals, and percentages with their equivalent forms
match fractions, decimals, and percentages with their equivalent forms
match fractions, decimals, and percentages with their equivalent forms
select >, <, or = given 2 integers

www.visualfractions.com
www.aplusmath.com
www.bbc.co.uk

Compare Fractions
Flashcards => Fraction Inequalities
Learning => Basic Skills => Skillswise => Fractions, Decimals & Percentages => Comparing Decimals and Percentages
Comparing Fractions and Percentages
Comparing Fractions and Decimals
Comparing All Three

www.math.com

Integers => Signed Integers => Workout

8. Fractional part

www.aaamath.com

Fractions => Beginning Fractions
Fourths
Eighths
Tenths
Virtual Library => Number and Operations (3-5) => Fractions – Naming
Fractions – Parts of a Whole
Fractions – Visualizing

select fraction for shaded portion of whole divided into 4 equal parts
select fraction for shaded portion of whole divided into 4 equal parts
select fraction for shaded portion of whole divided into 8 equal parts
select fraction for shaded portion of whole divided into 10 equal parts
write fraction for highlighted portion of a shape
relate parts of a whole to a written description and fraction
illustrate a fraction by dividing a shape and highlighting the appropriate parts
write fraction for highlighted portion of a shape
shade a portion of a shape to represent a given fraction
shade a portion of a shape to represent a given fraction

<http://matti.usu.edu>

Identify Fractions
Resources and Projects => Math Pages of Cynthia Lanian => Fun Mathematics Lessons => Who Wants Pizza => Introd.
A Longer List => Shade

www.visualfractions.com
<http://math.rice.edu>
www.interactivestuff.org

9. Properties

10. Number line

www.interactivestuff.org

A Longer List => Scales

move a pointer on a scale (number line) to indicate a given decimal number

11. Root

www.math.com

Square Roots => Numbers => Workout

enter the square roots of given whole numbers (perfect and non-perfect squares)

II. Number Theory

12. Odd/Even numbers

www.aaamath.com
www.scugog-net.com

Naming Numbers => Even and Odd Numbers
Kids Area => Room 108-Site for Kids => Math => Learn your odd and even numbers as you paint by number

select even or odd for a given number
paint pieces of a picture according to whether the piece contains an odd or even number

13. Sequence

www.aaamath.com
www.funbrain.com
www.interactivestuff.org

Patterns => Find a Missing Number
Number Cracker
Sequences

14 activities to use the given pattern of 3 numbers to find a fourth number
given pattern of 3 integers, find the fourth integer
given 3 numbers find the 4th, 5th, 10th, and 20th, as well as the rule for the sequence

14. Properties

www.aaamath.com

Properties => Inverse Relationships Between Addition and Subtraction

enter the number which makes a number sentence true

15. Equivalent form

www.aaamath.com

Decimals => Fractions and Decimals
Decimals and Fractions
Fractions to Decimals
Fractions to Percents
Percent to Fraction
Decimals to Percents
Percents to Decimals
Equivalent Fractions
Converting to Mixed Numbers
Fractions => Reducing Fractions => Workout

given a fraction, select its equivalent from 12 decimal numbers
given a decimal number, select its equivalent from 12 fractions
enter the decimal equivalent for a given fraction
enter the percent equivalent for a given fraction
enter the fraction equivalent for a given percent
enter the percent equivalent for a given decimal number
enter the decimal equivalent for a given percent
select from 12 fractions the one equivalent to a given fraction
change an improper fraction to its mixed number equivalent
reduce fractions to lowest terms
shade a portion of a shape to represent a given fraction
determine whether or not a fraction is in lowest terms and reduce it if not
write given fractions as decimals & given decimals as fractions to shoot a tank at a target
match fractions, decimals, and percentages with their equivalent forms
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www.math.com
www.interactivestuff.org
www.fractionbars.com
www.toonuniversity.com
www.bbc.co.uk

A Longer List => Shade
Interactive Games => Lowest Terms Game
Math Games => Math Games => 6th Grade => Comparing Fractions/Decimals
Learning => Basic Skills => Skillswise => Fractions, Decimals & Percentages => Comparing Decimals and Percentages
Comparing Fractions and Percentages
Comparing Fractions and Decimals
Comparing All Three

16. Multiples

www.bbc.co.uk

Learning => Basic Skills => Skillswise => Whole Numbers => Multiples and Factors => Quiz

10-problem quiz about multiples and factors

29. Equations www.targeon.org.uk/jrv	Solving Equations	solve one and two-step equations with one variable
30. Applied algebra		
31. Inequality www.aaamath.com	Inequalities	solve one and two-step inequalities with one variable
V. Measurement		
32. Appropriate instrument		
33. Money www.scugog-net.com www.aplusmath.com www.teachkids.com	Kids Area => Room 108-Site for Kids => Math => Try the Room 108 Money Desk Worksheets => Counting Money Money	select coins to total a given amount of money enter the total amount of money shown by coins and bills compare 2 amounts of coins
34. Calendar www.rhlschool.com www.teachkids.com	Using a Calendar Calendar	given a calendar of a month, complete an 8-question worksheet use a year's calendar to answer 7 questions
35. Time www.scugog-net.com www.edu4kids.com www.teachkids.com	Kids Area => Room 108-Site for Kids => Math => Tell the Time Learn to Tell Time Time Math Time	tell the time on an analog clock click and drag the hands on an analog clock to indicate a given time tell/compare times and calculate analog clock time differences activities to add, subtract, and multiply times
36. Temperature www.explorelarning.com www.cschool.co.uk	Science => Physical Science (Grade 6-8) => Fundamentals and Measurement => Min/Max Thermometer Resource Zone => Negative Number Thermometer Questions	read temperatures on a min/max thermometer read temperatures on a thermometer
37. Length www.funbrain.com www.apples4theteacher.com www.visualfractions.com	All Games => Measure It! Measurement Games => Interactive Measuring Game Identify Fractions => Identify Fractions/Mixed Numbers with Lines	read a 12-inch ruler to select the length of a red line select the height of a figure by observing a ruler placed next to the figure determine numerator and denominator of fraction by observing highlighted number line
38. Mass/weight www.aaamath.com	Index of Exercises => Metric Mass	convert from one metric unit of weight to another
39. Perimeter www.aaamath.com www.funbrain.com	Geometry => Perimeter and Circumference Shape Surveyor	determine the perimeter/circumference of a 2-dimensional figures given their dimensions mixed area and perimeter problems
40. Area www.funbrain.com www.aaamath.com	Shape Surveyor Geometry => Area	mixed area and perimeter problems determine area of common 2-dimensional figures given their dimensions
41. Volume www.aaamath.com	Measurement => U.S. Volumes Geometry => Volume	convert U.S. volume units to other U.S. volume units determine volume of common 3-dimensional figures given their dimensions
VI. Geometry		
42. Symmetry www.bbc.co.uk	Learning => Sch. => Sch.-Rev. Guide => GCSE Bitesize => Math => Sh., Sp. & Meas.: Fnd. & Intrm. => Sym. => Rev.	quizzes on symmetry
43. Pattern/shape http://matti.usu.edu	Virtual Library => Number and Operations (3-5) => Color Patterns	click the colors for the next 3 balls in a pattern of colored balls
44. Geometric elements		
45. Congruency http://demo.granada-learning.com www.math.com	Geometry => Congruent Figures	match parts of congruent figures
46. Plane figures www.aplusmath.com www.aaamath.com	Game Room => Geometry Version Geometry => Polygons Polygons II	identify various 2-dimensional geometric figures enter number of sides of given polygon name enter polygon name given number of sides
47. Solid figures www.childu.com	Sample Activities => Package Company	match 2-dimensional figures with their 3-dimensional equivalents

48. Visualization	http://pbskids.org http://www.fi.uu.nl/toepassingen/00198/toepassing_wisweb.en.html www.interactivestuff.org	Cyberchase => Games Central => Point of View A Longer List => 3D Boxes	click to draw the 2-dimensional equivalent of a 3-dimensional view of stacked boxes select 2-dimensional views of 3-dimensional figures for 20 problems calculate the number of boxes it takes to make the 3-dimensional figures shown
49. Logical reasoning			
50. Angles	http://demo.granada-learning.com www.toonuniversity.com http://www.manatee.k12.fl.us/sites/elementary/palmasola/mathlabtutan1b.htm www.childu.com www.bbc.co.uk	Math Games => Math Games => 6 th Grade => Angles Sample Activities => Right Back At You Learning => Key Skills => Number => Kung Fu Angles	identify angle types given their measures classify angles by observation of their measurements classify and construct acute, obtuse, and right angles estimate angle measurements by observation
51. Parts of circle			
52. Triangles	www.aaamath.com www.math.com	Geometry => Classifying Triangles by Angles Classifying Triangles by Sides Finding the Third Angle of a Triangle Geometry => Triangles => Workout	classify triangles by their angles classify triangles by their sides find the third angle of a triangle given two of its angles match triangle types with descriptions or sides and angles
53. Similarity			
54. Pythagorean Theorem	www.math.com www.shodor.org	The Pythagorean Theorem and Right Triangle Facts Curriculum Materials => Browse All Projects => Interactivate => Activities => Pythagorean Explorer	determine if given dimensions are sides of right triangle and an 8-problem matching quiz calculate the hypotenuses or legs of right triangles given 2 of their sides
VII. Computation in context			
55. Whole numbers	http://www.berghuis.co.nz/abiator/maths/mcindex.html		variety of whole number word problems
56. Decimals	http://www.berghuis.co.nz/abiator/maths/mcindex.html		variety of decimal number word problems
57. Fractions			
58. Problem solving			
59. Percent	www.aaamath.com	Percents => Commission Discount Markup Sales Tax Price with Sales Tax Shipping and Handling Simple Interest Tips Percent of a Number Finding Percents	calculate commission given rate and amount of sales calculate discount given rate and price calculate sales price after markup given rate and price calculate sales tax given tax rate and price calculate total cost given tax rate and price calculate shipping and handling charges given price, rate and minimum charge calculate interest given principal, time and interest rate calculate amount of tip given cost of meal, tax rate and 15% tip calculate part of an amount given percent and whole amount calculate percent given part of an amount and whole amount
60. Algebraic Operations			
VIII. Estimation			
61. Reasonableness of answer	www.toonuniversity.com	Math Games => Math Games => 4 th Grade => Size Estimation	select a reasonable estimate of a dimension of a common object
62. Rounding	www.aaamath.com www.funbrain.com www.bbc.co.uk www.math.com	Estimation All Games => Place Value Puzzler Learning => Basic Skills => Skillswise => Whole Numbers => Rounding and Estimating => Quiz Everyday Math => Estimating and Rounding => Workout	round whole numbers from tens to 100 thousands and decimals 10ths to 100ths round given wholes and decimals to indicated places round wholes through the thousands round whole numbers and decimals
63. Estimation	www.aaamath.com www.shodor.org www.visualfractions.com www.interactivestuff.org	Estimation Curriculum Materials => Browse All Projects => Interactivate => Activities => Estimator Games => Find Grampy A Longer List => Pie Test Angle Estimator	estimate sums and differences of wholes and decimals estimate by observation the number of objects show (within a specified tolerance) estimate a fraction of a whole using a ruled line estimate the size of a pie slice in a pie chart as a percentage estimate and select an angle congruent to a given angle