



TABE[®]-nology 2.0

Advancements in Instructional Resources for TABE[®] 11 & 12

Presenter: Ronald Cruz



Bucket
INC.



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National Trainer, GED® Testing Service



President/Lead Trainer

Bucket Enterprises, Inc.
BucketPD.com

rcruz@bucketpd.com



Agenda 1.0

- Housekeeping
- What is TABE®?
- TABE® Online Tools
- Mathematics Practice Sets from Khan Academy
- Rapid Classroom Response Systems
- Interactive Study and Assessment Systems
- Google Classroom Learning Management Systems
- Florida IPDAE Platform



Agenda 2.0

- Housekeeping
- Google Classroom Learning Management Systems
- Walkthrough of Florida IPDAE Website
- Core Instructional Matrices & Overlays
- Individualized Student Plans
- Resource Activities & Dynamic Search
- What's to Come?



Google Classroom

TABE-nology

1

Class code `pgfd6c3`



Upcoming

No work due soon

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Create and schedule announcements



Respond to student posts

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Extend
Learning
Beyond the
Classroom
through LMS



Google Classroom

Stream

- Get updates on new and upcoming Resources
- Get alerts on upcoming professional development opportunities related to TABE[®] 11 & 12

You can also access this through <https://classroom.google.com/>

Extend
Learning
Beyond the
Classroom
through LMS

Stream

Classwork

People

Grades

TABE-nology

1

Class code pgfd6c3



Upcoming

No work due soon

View all



Share something with your class...



Ronald Cruz
Aug 25, 2019



For those of you who are new to TABE 11 & 12, you may view archived TABE Webinar Series. Please follow the link below:

<https://tabetest.com/resources-2/tabe-webinar-series/>

TABE 11&12 Best Practice...
<https://tabetest.com/resourc...>



Add class comment...



Stream

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Google Classroom

Classwork

- Learn more about how to use resources from this presentation
- Download this presentation and other resources
- Participate in Transfer of Learning Activities

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Extend Learning Beyond the Classroom through LMS

Stream **Classwork** People Grades

+ Create

What is TABE?

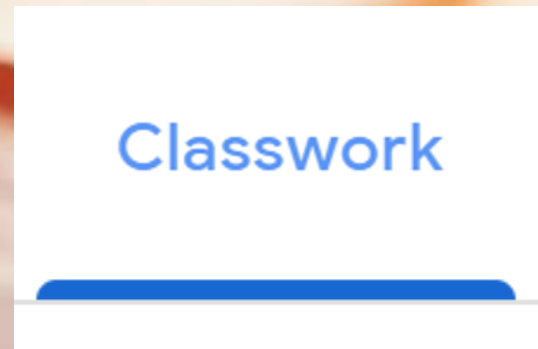
- Learn about TABE Posted Mar 29, 2019
- TABE 11 & 12 Domain Structure Posted Mar 29, 2019
- 1. What subject areas are assessed by TABE ... Edited Mar 29, 2019
- 2. How many levels of tests exist in each su... Edited Mar 29, 2019
- 3. In which subject area is vocabulary acqui... Assignment
- TABE 11 & 12 Assessment Blueprints
- TABE 11 & 12 Online Tools Training

Khan Academy Practice Sets

- CrowdED Learning Compiled Khan Academ...

Kahoot!

- Assignment
- Quiz assignment
- Question
- Material
- Reuse post
- Topic



Assignment [Close]

For **TABE-nology 1** All students

Title

Instructions (optional)

Points **100** Due **No due date** Topic **No topic**

📎 📁 📺 🔗 🗑️ **Assign**

Extend Learning Beyond the Classroom through LMS



Google Classroom

People

- Connect with others
- Collaborate with others while using resources
- Engage in problem-solving activities and build upon ideas while using resources

You can also access this through <https://classroom.google.com/>

Extend
Learning
Beyond the
Classroom
through LMS



Resources from Florida IPDAE

ipdae INSTITUTE FOR THE PROFESSIONAL DEVELOPMENT OF ADULT EDUCATORS

PORTAL LOGIN

RESOURCES E-TRAININGS EVENT CALENDAR FAQ ABOUT CONTACT

By EDUCATORS for EDUCATORS

Select an area below to view available resources.

ABE
Adult Basic Education

GED® & AHS
GED® Preparation & Adult High School

ESOL
English for Speakers of Other Languages

IET
Integrated Education and Training

IPDAE WELCOMES EDUCATORS

IPDAE (Institute for the Professional Development of Adult Educators) is a resource center that offers information, training and professional development resources for adult educators.

FEATURED EVENTS

MAR 13 Webinar - Strategies for Integrating the Compass 100 Requirements into

IN THE KNOW...

Self-Study Guide for JDY GUIDE

www.floridaipdae.org

Adult Basic Education

Lesson Plans & Teacher Toolkits

Module: Writing

Lesson Title: Using Evidence to Support Point of View or Opinions

Objectives and Standards

Students will:

- Recognize the importance of supporting opinions with evidence
- Use a What-Why-How strategy to express an opinion with evidence
- Understand that effective writing must include evidence that support an opinion or point of view

Florida Adult Basic Education Reading Standards	Level Expectation
Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence. (CCR.WR.ABE.1)	NRS Level 3 – Write opinion pieces on topics or text supporting a point of view with reasons and information

Materials

- Handout A: What-Why-How Chart
- Handout B: What-Why-How Chart for Reading Complex Text
- Sample nonfiction text in the area of social studies or science

Instructional Plan

Overview

Most Adult Basic Education students have difficulty in writing irrespective of whether they are writing an argument or an opinion piece. These students often give opinions and reasons for what they think, but fail to go to the next step which is to provide evidence that explains how they know their reasoning is correct.

This lesson is designed to provide students with a strategy that they can use to develop effective opinion pieces based on given topics or on texts that they have read.

Process

Prior to the lesson, you may wish to draw a What-Why-How chart on the board. Identify a few topics with which students would be familiar to open the lesson, such as:

- My favorite grocery store
- My favorite movie or television show
- My favorite place to shop for clothes

e-Training Modules

The screenshot displays a user interface for e-Training Modules. At the top left, there is a 'Filters' button. Below it, a 'Categories' section shows a dropdown menu with 'All categories' and 'Assessments'. The main content area features eight course cards arranged in a 2x4 grid. Each card includes a title, a 'PLAY' or 'ENROLL' button, a subtitle, and an 'E-Learning' label with a lock icon.

Course Title	Action	Format
CCRS ELA - Module 1	PLAY	E-Learning
CCRS ELA - Module 2	ENROLL	E-Learning
CCRS ELA - Module 3	ENROLL	E-Learning
CCRS Math - Module 1	PLAY	E-Learning
FDOE Policies on CASAS for Florida Adult ESOL...	ENROLL	E-Learning
FDOE Policies on TABE Assessment 11/12 -...	ENROLL	E-Learning
FDOE Policies on TABE Assessment 11/12 -...	ENROLL	E-Learning
GED Prep - Module 1 - Overview	ENROLL	E-Learning

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Adult Basic Education

Grab and Go Videos

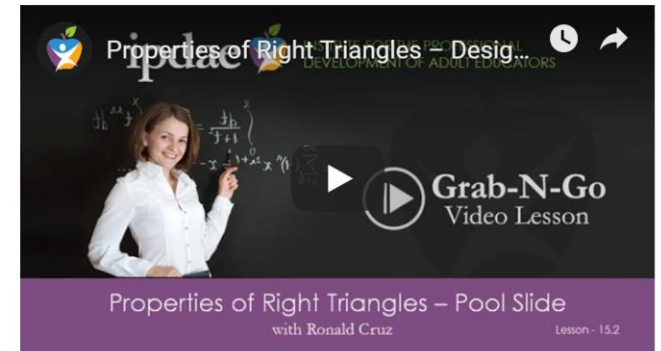
Properties of Right Triangles - Design a Pool Slide

Properties of Right Triangles - Design a Pool Slide. For this particular activity, students would have some prior knowledge about properties of right triangles. It is ideal to use this activity as a review lesson, an assessment piece or introduction to real-world problem solving.

Ronald Cruz

Related Documents:

[Handout \(PDF\)](#)



www.floridaipdae.org



Navigating through the Florida IPDAE Website

ipdae INSTITUTE FOR THE PROFESSIONAL DEVELOPMENT OF ADULT EDUCATORS PORTAL LOGIN

RESOURCES E-TRAININGS EVENT CALENDAR FAQ ABOUT CONTACT

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Select an area below to view available resources.

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Adult Basic Education

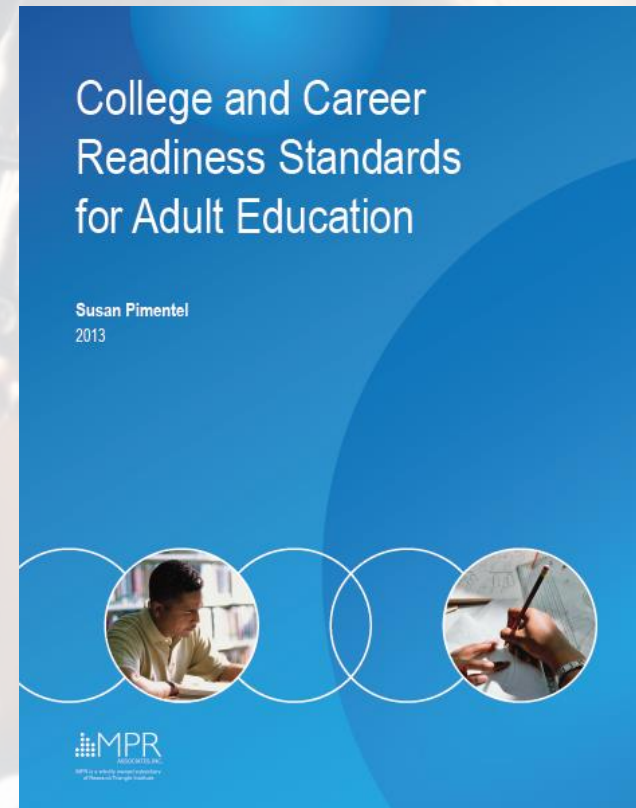


Core Matrices



What are IPDAE's Instructional Matrices?

An Instructional Matrix is a **simplified** mapping of the College and Career Readiness Standards for Adult Education according to subject area domains and NRS Level. It highlights the critical topics, skills and concepts that need to be covered at each level of ABE and ASE. Each matrix cell is color coded and arranged based on content cluster/unit.



The ABE & ASE Core Matrices

GED Mathematical Reasoning PLD Matrix										
Domain	Level 1 Below Passing Limited/Inconsistent		Level 2 Passing (HS Equivalency) Satisfactory			Level 3 College Ready Strong		Level 4 College Ready + Credit Outstanding		
1. Rational Numbers	Apply number properties involving multiples and factors.	Compute unit rates.	Solve real-world problems using rational numbers.	Apply number properties involving multiples and factors.	Compute unit rates.	Solve real-world problems using rational numbers.	Perform computations with rational numbers.	Determine when a numerical expression is undefined.	Use scale factors to determine the magnitude of a size change and convert between actual, draw, net, and scale draw, net.	Determine when a numerical expression is undefined.
	Solve real-world problems using rational numbers.		Order fractions and decimals, including on a number line.	Identify absolute value of a rational number as its distance from 0 on the number line.	Compute numerical expressions with exponents and square roots of positive.	Determine the distance between two rational numbers on the number line.	Compute numerical expressions with cubes and cube roots of positive, rational.	Identify absolute value of a rational number as its distance from 0 on the number line.	Simplify numerical expressions with rational exponents.	Determine the distance between two rational numbers on the number line.
2. Measurement	Compute the area and perimeter of triangles and rectangles.	Determine side lengths of triangles and rectangles when given area or perimeter.	Compute the area and perimeter of triangles and rectangles.	Determine side lengths of triangles when given area or perimeter.	Use the Pythagorean theorem to determine unknown side lengths in a right triangle.	Determine side lengths of polygons when given area or circumference.	Determine the radius and diameter of circles when given area or circumference.	Use the Pythagorean theorem to determine unknown side lengths in a right triangle.		
	Compute volume and surface area of rectangular prisms.	Compute volume and surface area of right prisms.	Compute volume and surface area of right prisms.	Compute volume and surface area of right pyramids and cones.	Compute volume and surface area of composite figures.	Compute volume and surface area of cylinders.	Compute volume and surface area of spheres.	Compute volume and surface area of composite figures.	Compute volume and surface area of cylinders.	Compute volume and surface area of composite figures.
	Determine side lengths and height of right prisms when given volume or surface area.	Determine side lengths and height of right pyramids and cones when given volume or surface area.	Determine side lengths and height of right pyramids and cones when given volume or surface area.	Determine radius, diameter, and height of cylinders when given volume or surface area.	Determine radius, diameter, and height of cylinders when given volume or surface area.	Determine radius, diameter, and height of cylinders when given volume or surface area.	Determine radius, diameter, and height of cylinders when given volume or surface area.	Determine radius, diameter, and height of cylinders when given volume or surface area.		
	Represent, display, and interpret categorical data in dot plots and bar graphs.	Represent, display, and interpret categorical data in dot plots and bar graphs.	Calculate the median, mode, and weighted average, and calculate a missing data value, given the average and all the other data values.	Represent, display, and interpret categorical data in dot plots, histograms, and box plots.	Use counting techniques to solve problems and determine combinations and permutations.	Use counting techniques to solve problems and determine combinations and permutations.	Use counting techniques to solve problems and determine combinations and permutations.	Determine the probability of simple and compound events.	Use counting techniques to solve problems and determine combinations and permutations.	Determine the probability of simple and compound events.
3. Expression and Equations	Evaluate linear expressions.	Write linear expressions to represent context.	Evaluate polynomial expressions.	Solve real-world problems involving linear equations.	Write linear expressions to represent context.	Write rational expressions to represent context.	Factor polynomial expressions.	Compute with polynomials.	Compute with rational expressions.	Solve quadratic equations in one variable.
	Solve real-world problems involving linear equations.	Solve algebraic and real-world problems involving systems of equations.	Solve linear inequalities in one variable.	Solve linear inequalities in one variable.	Solve linear inequalities in one variable.	Solve linear inequalities in one variable.	Solve linear inequalities in one variable.	Solve linear inequalities in one variable.	Solve linear inequalities in one variable.	Solve linear inequalities in one variable.
4. Graphs and Functions	Represent or identify a function in a table or graph as having exactly one output for each input.	Interpret unit rate as the slope in a proportional relationship.	Determine the slope of a line from a graph, equation, or table.	Interpret unit rate as the slope in a proportional relationship.	Graph two-variable linear equations.	Use slope to identify parallel and perpendicular lines and to solve geometric problems.	Determine the slope of a line from a graph, equation, or table.	Graph two-variable linear equations.	Use slope to identify parallel and perpendicular lines and to solve geometric problems.	Graph two-variable linear equations.
	Locate and plot points in the coordinate plane.	Sketch graphs and interpret key features of graphs and tables in terms of quantities.	Write the equation of a line with a given slope through a given point.	Write the equation of a line with a given slope through a given point.	Write the equation of a line passing through two given distinct points.	Write the equation of a line with a given slope through a given point.	Write the equation of a line with a given slope through a given point.	Write the equation of a line with a given slope through a given point.	Write the equation of a line with a given slope through a given point.	Write the equation of a line with a given slope through a given point.
	Evaluate linear and quadratic functions.	Compare two different proportional relationships represented in different ways.	Evaluate linear and quadratic functions.	Compare two different linear or quadratic functions, each represented in different ways.	Compare two different proportional relationships, each represented in different ways.	Compare two different linear or quadratic functions, each represented in different ways.	Compare two different linear or quadratic functions, each represented in different ways.	Compare two different linear or quadratic functions, each represented in different ways.	Compare two different linear or quadratic functions, each represented in different ways.	Compare two different linear or quadratic functions, each represented in different ways.

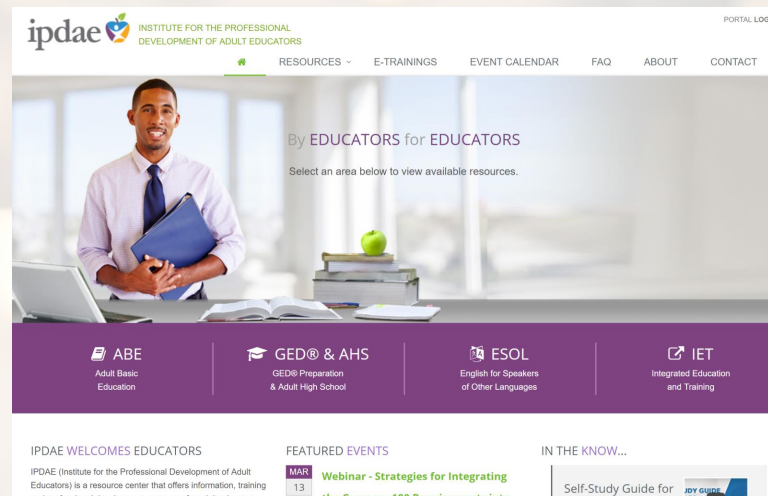
Adult Basic Education Just updated on Google Classroom!!!



Where can I get a copy of the Instructional Matrices?

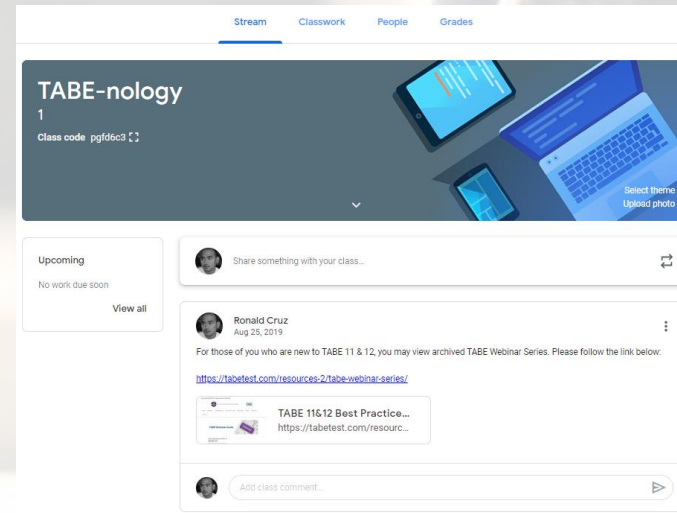
1. Florida IPDAE Website

www.floridaipdae.org



2. Google Classroom

<http://classroom.google.com/>



3. COABE Conference
TABE-nology 2.0 Session



Poster-size matrices will be given away after the session!!!

Domain	NRS Level 1	NRS Level 2		NRS Level 3		
1. Number and Operations: Base Ten	Use Addition and Subtraction within 100 to Solve Word Problems Compare 2-Digit Numbers Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Compare 2-Digit Numbers Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Compare 2-Digit Numbers Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Compare 2-Digit Numbers Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Compare 2-Digit Numbers Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Compare 2-Digit Numbers Use Addition and Subtraction within 100 to Solve Word Problems
2. Operations and Algebraic Thinking	Use Addition and Subtraction within 100 to Solve Word Problems Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Use Addition and Subtraction within 100 to Solve Word Problems	Use Addition and Subtraction within 100 to Solve Word Problems Use Addition and Subtraction within 100 to Solve Word Problems
3. Measurement and Data						
4. Geometry						
5. Operations and Algebraic Thinking						
6. Expressions and Equations						
7. The Number System						
8. Ratios and Proportional Relationships						
9. Statistics and Probability						
10. Functions						

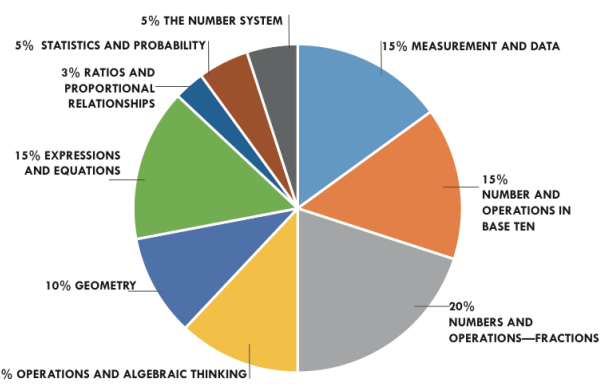
Light Shade = Low Emphasis
Medium Shade = Medium Emphasis
Dark Shade = High Emphasis



Tests of Adult Basic Education

LEVEL M

TABE 11 & 12 MATHEMATICS BLUEPRINT OVERVIEW



STANDARD	STANDARD DESCRIPTION	AE-CCR LEVEL	TABE 11/12 EMPHASIS LEVEL
5.MD.1	Convert among different-sized standard measurement units within a given measurement system (e.g., convert 5 cm to 0.05 m), and use these conversions in solving multi-step, real world problems.	C	Medium
5.MD.2	Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Use operations on fractions for this grade to solve problems involving information presented in line plots. For example, given different measurements of liquid in identical beakers, find the amount of liquid each beaker would contain if the total amount in all the beakers were redistributed equally.	C	Low
5.MD.4	Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.	C	Low
4.MD.5	Recognize angles as geometric shapes that are formed wherever two rays share a common endpoint, and understand concepts of angle measurement. (5.MD.5.b)	C	Low
5.MD.5	Relate volume to the operations of multiplication and addition and solve real world and mathematical problems involving volume. (5.MD.5.a, 5.MD.5.b, 5.MD.5.c)	C	Medium
4.MD.6	Measure angles in whole-number degrees using a protractor. Sketch angles of specified measure.	C	Medium
4.MD.7	Recognize angle measure as additive. When an angle is decomposed into non-overlapping parts, the angle measure of the whole is the sum of the angle measures of the parts. Solve addition and subtraction problems to find unknown angles on a diagram in real world and mathematical problems, e.g., by using an equation with a symbol for the unknown angle measure.	C	Medium

CTE Overlay (Carpentry)

Domain	NRS Level 1	NRS Level 2	NRS Level 3	NRS Level 4	NRS Level 5/6
1. Number and Operations: Base Ten	Use addition, subtraction, multiplication, and division to solve problems involving whole numbers.	Use addition, subtraction, multiplication, and division to solve problems involving whole numbers.	Use addition, subtraction, multiplication, and division to solve problems involving whole numbers.	Use addition, subtraction, multiplication, and division to solve problems involving whole numbers.	Use addition, subtraction, multiplication, and division to solve problems involving whole numbers.
2. Operations and Algebraic Thinking	Use the order of operations to solve problems involving whole numbers.	Use the order of operations to solve problems involving whole numbers.	Use the order of operations to solve problems involving whole numbers.	Use the order of operations to solve problems involving whole numbers.	Use the order of operations to solve problems involving whole numbers.
3. Measurement and Data	Use a variety of units to measure length, mass, and volume.	Use a variety of units to measure length, mass, and volume.	Use a variety of units to measure length, mass, and volume.	Use a variety of units to measure length, mass, and volume.	Use a variety of units to measure length, mass, and volume.
4. Geometry	Classify two-dimensional shapes by attributes.	Classify two-dimensional shapes by attributes.	Classify two-dimensional shapes by attributes.	Classify two-dimensional shapes by attributes.	Classify two-dimensional shapes by attributes.
5. Number and Operations: Fractions	Use equivalent fractions to solve problems.	Use equivalent fractions to solve problems.	Use equivalent fractions to solve problems.	Use equivalent fractions to solve problems.	Use equivalent fractions to solve problems.
6. Expressions and Equations	Use variables to represent numbers in a problem.	Use variables to represent numbers in a problem.	Use variables to represent numbers in a problem.	Use variables to represent numbers in a problem.	Use variables to represent numbers in a problem.
7. The Number System	Use the number line to represent numbers.	Use the number line to represent numbers.	Use the number line to represent numbers.	Use the number line to represent numbers.	Use the number line to represent numbers.
8. Ratios and Proportional Relationships	Use ratios to compare quantities.	Use ratios to compare quantities.	Use ratios to compare quantities.	Use ratios to compare quantities.	Use ratios to compare quantities.
9. Statistics and Probability	Use data to make predictions.	Use data to make predictions.	Use data to make predictions.	Use data to make predictions.	Use data to make predictions.
10. Functions	Use functions to model relationships.	Use functions to model relationships.	Use functions to model relationships.	Use functions to model relationships.	Use functions to model relationships.

Other
Overlays



Individualized Student Plans



Tracking Student Progress: Individualized Student Plans (ISP)

Individualized Student Plans are tools to track student mastery and target critical skills towards achieving measurable gains in standardized tests (i.e. TABE[®] 11& 12). It may also be used to drive discussions about individual student performance. Mathematics ISP's are downloadable from the Google Classroom.

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INDIVIDUALIZED INSTRUCTIONAL STUDENT PLAN
ABE Mathematics: TABE Level A

STUDENT NAME: _____ I.D.: _____

CURRENT TESTING INFORMATION:		POST-TESTING INFORMATION:	
Test Date:		TABE Level: A	
Current Test Level:		CCR Level: E	
Current Test Form:			
Scale Score:			
NRS Level:			

LOW EMPHASIS MEDIUM EMPHASIS HIGH EMPHASIS

DOMAIN:	SCORED PROFICIENCY:
Geometry 15%	<input type="checkbox"/> Non-Proficiency <input type="checkbox"/> Partial Proficiency <input type="checkbox"/> Proficiency
MASTERY DATE: _____	

NRS	Group:	Standard Description:	Mastery Date:
5/6	GEOMETRY: CONGRUENCE	Experiment with transformations in the plane. Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.	
5/6	GEOMETRY: SIMILARITY, RIGHT TRIANGLES, & TRIGONOMETRY	Prove theorems involving similarity. Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.	
5/6	GEOMETRY: GEOMETRIC MEASUREMENT & DIMENSION	Explain volume formulas and use them to solve problems. Use volume formulas for cylinders, pyramids, cones, and spheres to solve problems.	
5/6	GEOMETRY: MODELING WITH GEOMETRY	Apply geometric concepts in modeling situations. Apply concepts of density based on area and volume in modeling situations (e.g., persons per square mile, BTUs per cubic foot).	

DOMAIN:	SCORED PROFICIENCY:
Numbers & Quantity 13%	<input type="checkbox"/> Non-Proficiency <input type="checkbox"/> Partial Proficiency <input type="checkbox"/> Proficiency
MASTERY DATE: _____	

NRS	Group:	Standard Description:	Mastery Date:
5/6	NUMBER & QUANTITY: THE REAL NUMBER SYSTEM	Extend the properties of exponents to rational exponents. Rewrite expressions involving radicals and rational exponents using the properties of exponents.	
5/6	NUMBER & QUANTITY: QUANTITIES	Reason quantitatively and use units to solve problems. Use units as a way to understand problems and to guide the solution of multi-step problems. Choose and interpret units consistently in formulas. Choose and interpret the scale and the origin in graphs and data displays. Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.	

INDIVIDUALIZED INSTRUCTIONAL STUDENT PLAN

ABE Mathematics: TABE Level E

STUDENT NAME:

I.D.:

CURRENT TESTING INFORMATION:

Test Date:
 Current Test Level:
 Current Test Form:
 Scale Score:
 NRS Level:

POST-TESTING INFORMATION:

TABE Level: E
 CCR Level: B

LOW EMPHASIS

MEDIUM EMPHASIS

HIGH EMPHASIS

DOMAIN: Number & Operations in Base Ten
 28%

SCORED PROFICIENCY:

Non-Proficiency
 Partial Proficiency
 Proficiency

MASTERY DATE:

NRS	Domain:	Standard Description:	Mastery Date:
2	UNDERSTAND PLACE VALUE.	Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones; e.g., 706 equals 7 hundreds, 0 tens, and 6 ones.	
		Understand that 100 can be thought of as a bundle of ten tens — called a “hundred.”	
		Understand that the numbers 100, 200, 300, 400, 500, 600, 700, 800, 900 refer to one, two, three, four, five, six, seven, eight, or nine hundreds (and 0 tens and 0 ones).	
		Count within 1000; skip-count by 5s, 10s, and 100s.	
		Read and write numbers to 1000 using base-ten numerals, number names, and expanded form.	
		Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using $>$, $=$, and $<$ symbols to record the results of comparisons.	



ISP's



Resource
Activities



Targeting Critical Skills: Resource Activities

Resource activities are simple content development and reinforcement packets designed to target individual skills or content. It is composed of three sections: the content, practice and resources or references (includes an answer key).

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Activity Resource

NRS LEVEL

Highlights:

- Derived from TABE 11&12 Test and Blueprints
- Test Level
- Emphasis Level
- Domain Percentage
- Standard Group
- Checklist Format
- Live Document
- Promotes Student Buy-In

Supported by the Florida Department of Education

Additional Resource Activities added to Google Classroom periodically!

Moc

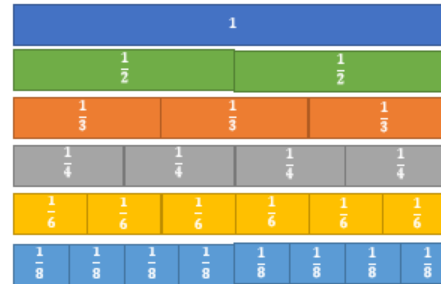
Content Area:
Domain:
Standard:

- Wilson is 3 times as old as...
- A. 3 year
- B. 4 year

Highlights:

- Alignment to CCRS
- Alignment to Standardized Assessment
- Research Base
- Content Development
- Visual/Graphic Element
- Hands-On Approach
- Vocabulary Emphasis
- Reflective Prompts
- Developed by Florida Practitioners
- Simple yet versatile
- FREE and Reproducible

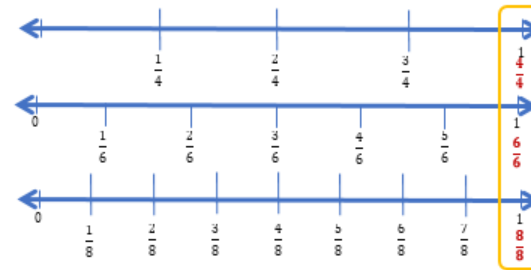
This time, let's closely examine fractions that equivalent to a whole. Looking at the fraction tiles below, we can generate some fractions that are equivalent to a whole.



We can say that the following examples form the same size as a whole and are fractions equivalent to a whole or 1.

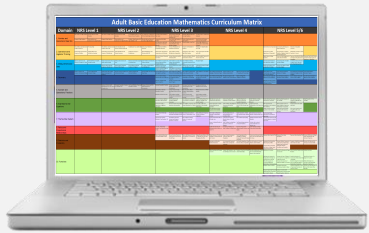
- Two pieces of the $\frac{1}{2}$ fraction tiles which represents $\frac{2}{2}$
- Three pieces of the $\frac{1}{3}$ fraction tiles which represents $\frac{3}{3}$
- Four pieces of the $\frac{1}{4}$ fraction tiles which represents $\frac{4}{4}$
- Six pieces of the $\frac{1}{6}$ fraction tiles which represents $\frac{6}{6}$
- Eight pieces of the $\frac{1}{8}$ fraction tiles which represents $\frac{8}{8}$

Looking at a few number lines, we can also see the same pattern of fractions equivalent to 1.



Resource Activities

Dynamic Categorical Search





Matrix Type: **ABE Mathematics** ▼

Domain: **3. Measurement & Data** ▼

NRS Level: **NRS Level 1** ▼

Search Results:

Results of information and resources are listed for download.

Standards	Resources
<ul style="list-style-type: none"> Organize, Represent, and Interpret 3 Categories of Data 	 Resource Activity Download
<ul style="list-style-type: none"> Indirectly Measure Lengths through Iteration 	 Resource Activity Download





What's to
Come?

COABE

COALITION ON ADULT BASIC EDUCATION

Math-box 1.0: Problem Solving, Fractions and Vocabulary

Sunday, April 5th 8:30am-11:30am, Dover B

- Featuring effective techniques in teaching problem solving with fractions. Free manipulative kit to all attendees!

Using Algebra Tiles in ABE and GED® Classrooms

Monday, April 6th 11:45am-1:00pm, Colbalt B-2

- Featuring creative ways to teach expressions and equations using Algebra Tiles. Participants take home their own Algebra Tile Kit!

TABE®-nology 2.0

Monday, April 6th 2:00pm-3:15pm, Waterview D

- Featuring a unified implementation plan for the use of Instructional Matrix Resource Suite. Poster will be given away at the end of the session.



Questions?

Adult Basic Education

Remember the endgame!



Thank You!

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