ACCUPLACER Overview

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Program Overview

ACCUPLACER is the most widely used Placement Assessment in the US





State or system-wide ACCUPLACER use



ACCUPLACER Features

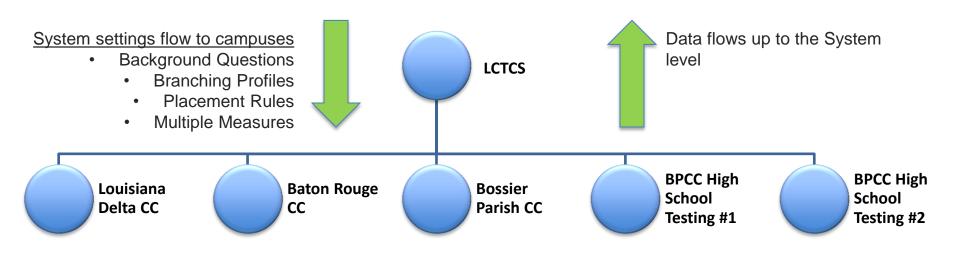
- Internet based (no downloads or registrations required)
- Computer-adaptive testing format
- Local control of welcome screen, report messages, and student directions
- Standardized accessibility formats (online & paper/pencil)
- Real-time Field Testing to refresh item pool;
 new items added/retire over exposed items
- 24/7 access with 99.75% platform reliability





ACCUPLACER Platform Design

Account Hierarchy



Individual sites can customize ACCUPLACER based on their needs.

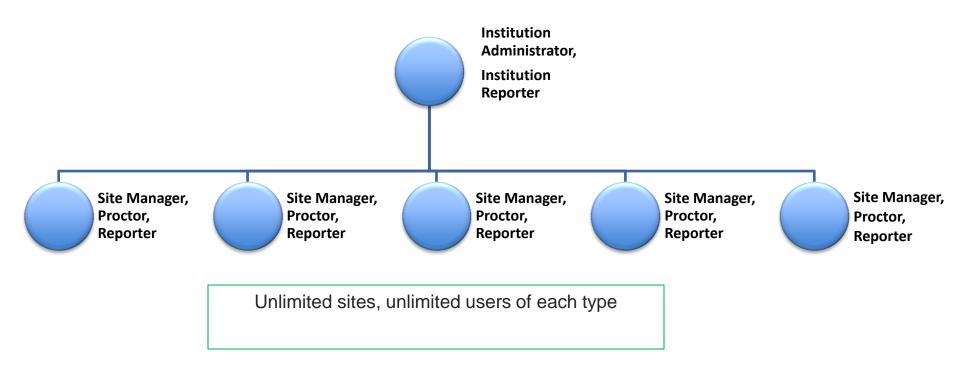


User Permission Levels

- Institutional Administrator
 Controls the entire institution account
- Site ManagerControls an individual testing site
- Proctor
 Tests and prints Individual Score Reports
- Proctor Reporter
 Tests and generates reports
- Reporters
 - Institutional or Site Reporters
 Generates reports
 - Institutional or Site Score Reporters Reprints Individual Score Reports
 - WritePlacer Reporters
 Prints essays written during testing



Permission Levels





ACCUPLACER Subject Assessments



ACCUPLACER Tests

Placement

- Reading Comprehension (20)
- Sentence Skills (20)
- Arithmetic (17)
- Elementary Algebra (12)
- College Level Math (20)
- WritePlacer
- Computer Skills Placement (30/70)
- "Local" Tests

ESL Suite

- Reading Skills (20)
- Sentence Meaning (20)
- Language Usage (20)
- Listening (20)
- WritePlacer ESL

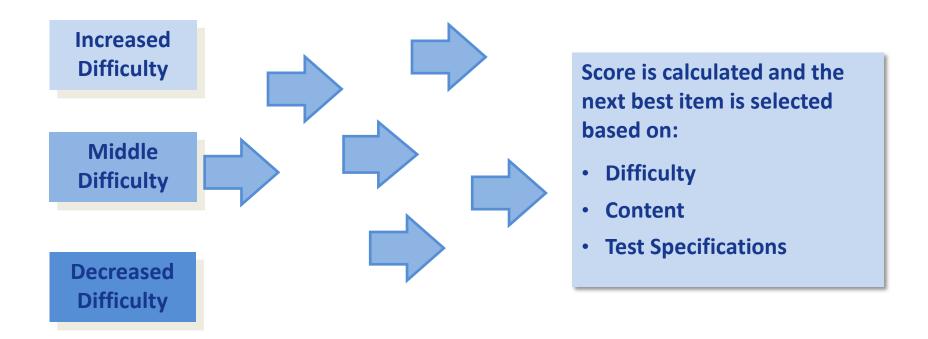
Diagnostics

- Reading Comprehension (40)
- Sentence Skills (40)
- Arithmetic (40)
- Elementary Algebra (40)



Computer Adaptive Testing

Delivers a customized testing experience by using prior answers to estimate which items the student is likely to answer successfully.





Language Arts: Reading Comprehension

Placement content categories are:

- Identifying Main Ideas
- Secondary / Supporting Idea
- Inference
- Applications
- Sentence Relationships

Diagnostic content categories are:

- Main Idea
- Supporting Detail
- Sentence Relationships
- Inference
- Author's Purpose/Rhetorical Strategies

Placement = 20 items Diagnostic = 40 items



Language Arts: Sentence Skills

Placement content categories are:

- Recognizing Complete Sentences
- Coordination/Subordination
- Sentence Relationship

Diagnostic Content Categories are:

- Agreement
- Modifiers
- Diction/Logic
- Sentence Structure
- Sentence Boundaries

Placement = 20 items Diagnostic = 40 items



Language Arts: Writing Essay

WritePlacer

8-point holistic scoring rubric with 6 dimensions:

- Purpose and Focus
- Organization and Structure
- Development and Support
- Sentence Variety and Style
- Mechanical Conventions
- Critical Thinking

13 prompts available

WritePlacer Options:

- Timed or Untimed
 - In 10 minute increments up to 2 hours
- Clock
 - On or off
 - Count down or count up
- Word count
 - On or off
- Timing alert
 - On or off
 - 10 minutes left
 - 5 minutes left



Mathematics: Arithmetic

Placement content categories are:

- Whole numbers and Fractions
- Decimals and Percents
- Applications

Placement = 17 items Diagnostic = 40 items

Diagnostic content categories are:

- Computation with Integers and Fractions
- Computation with Decimal Numbers
- Problems Involving Percent
- Estimation, Ordering, and Number Sense
- Word Problems and Applications



Mathematics: Elementary Algebra

Placement content categories are:

- Integers and Rationals
- Algebraic Expressions
- Equations, Inequalities, and Word Problems

Placement = 12 items Diagnostic = 40 items

Diagnostic content categories are:

- Real Numbers
- Linear Equations, Inequalities, and Systems
- Quadratic Expressions and Equations
- Algebraic Expressions and Equations
- Word Problems and Applications



Mathematics: College Level Math

College Level Math

Placement content categories are:

- Algebraic Operations
- Solutions of Equations and Inequalities
- Coordinate Geometry
- Applications and Other Algebra Topics
- Functions
- Trigonometry

Each student is administered a total of 20 items (placement test only).

Calculators

- Recommend students not allowed to use hand-held calculators
- Calculators are available in the platform on item-appropriate basis
- Applies to all Math tests



ESL Placement Tests

Language Use

Grammar

Sentence Meaning

Vocabulary in context

Reading Skills

Passage-based reading comprehension

Listening

Conversations and lectures

ESL WritePlacer

- 6 point holistic scoring guide
- 4 dimensions
- Word use
- Sentence Use
- Grammar
- Organization and Development

Each student is administered a total of 20 items for each ESL section. ESL WritePlacer has six prompts available.



Computer Skills Placement Test

Two versions:

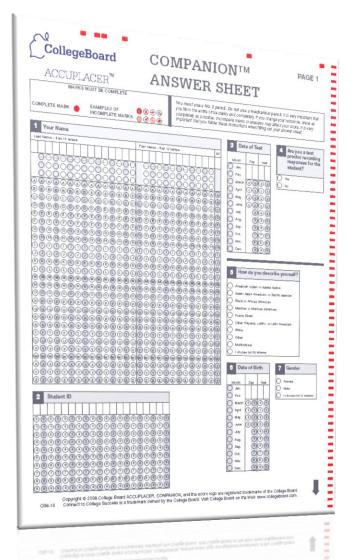
- Internet and email
- Managing files
- Word Processing
- Basic concepts of computing
- Spreadsheets
- Databases
- Presentation skills
- Windows 7 and Office 2010
- Windows 8 and Office 2013



Overall Placement Score and Diagnostics in one test



COMPANION: Accessibility Formats



- Braille version
- Large print version
- Audio CDs
- Pencil/paper versions
- New scannable answer sheets—upload to ACCUPLACER platform with ACCUscan program
- Additional:
 - ACCUPLACER online is compatible with reading software programs
 - ACCUPLACER online has wizard feature for visually impaired

NOTE: All tests are untimed



Ability to Benefit Testing

- ACCUPLACER continues to be an approved ATB test by the Department of Education.
- The policies and procedures for administering ATB test have not changed, but the <u>eligibility requirements for students have</u>:
 - Students must now be enrolled in an eligible career pathway program in order to qualify for ATB. (To find out more information, see the recent Dear Colleague Letter published by the US Department of Education -http://www.ifap.ed.gov/dpcletters/GEN1509.html)
- Qualifying ACCUPLACER scores:
 - Reading Comprehension 55
 - Sentence Skills 60
 - Arithmetic 34



Future Plans for ACCUPLACER

- Enhanced content
 - Placement and diagnostic solution anchored by essential knowledge and skills
 - Greater alignment to CCSS and other state standards
 - Math content supporting different Math Pathways (STEM vs. non-STEM)
 - Reading and writing content with more passage-based items and authentic texts
- Transition to updated content
 - Existing and new tests available simultaneously
 - Concordance tables provided



Flexible Test Administration

Flexible Technical Requirements

System Requirements

The following information shows if this workstation meets the minimum system requirements necessary to run ACCUPLACER. In some cases, a more recent software version may fail validation, however, the system will still operate, but has not been certified for an optimal user experience.



• Report a Problem

III Minimum Requirements						
Features	Recommended	You Have	Pass/Fail	Upgrades		
Browser type and versions	PC: Internet Explorer 9+ or 10+ Firefox 30+	Chrome 1 0.2272.101	Pass	Not Required		
	Chrome 35+ MAC: Safari 7 Mobile: IOS Safari Android Chrome	Windows, N	Windows, Mac, and Mobile			
		Supports	Supports tablet testing			
Platform (Operating system)	Windows 7 Windows 8 Windows 8.1 Mac OS X v10.7 IOS 7 Android	Windows 7	Pass	Not Required		
Adobe Flash	Adobe Flash 10.0+	Not Required	Not Required	Not Required		
Adobe Acrobat Reader 6.0+	Adobe Acrobat Reader 6.0+	Acrobat Reader Chrome PDF Viewer is Installed	d Pass	Not Required		
Pop-up blockers	Pop-ups are not blocked	Pop-ups are not blocked	Pass	Not Required		
Screen Resolution	1024 x 768	1366 x 768	Pass	Not Required		
Java Runtime Environment	JRE 1.5.0+	JRE11.31.2.0	Pass	Not Required		

Flexible Test Administration



On Demand Testing

- No scheduling or pre-planning required
- Walk in testing on campus
- Runs on tablets



Fast Track Test Administration

- No scheduling or pre-planning required
- Designed for group testing on or off campus



Vouchers

- Pre-register students in advance
- Designed for group testing on or off campus



Remote Testing Network

- Pre-register students in advance
- Testing at participating colleges



Remote Virtual Proctoring

- Pre-register students in advance
- 24/7 virtual proctoring anywhere

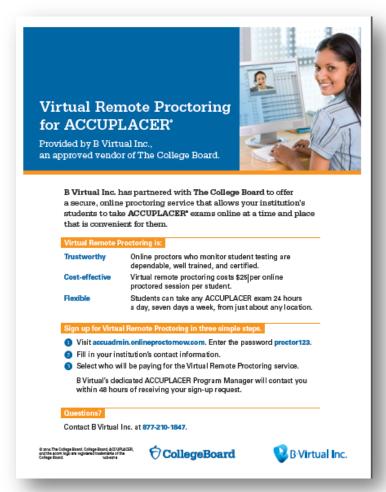
Virtual Remote Proctoring

Allows Students to test at a time that is convenient for them:

working adults
on-line students
home bound students
International students

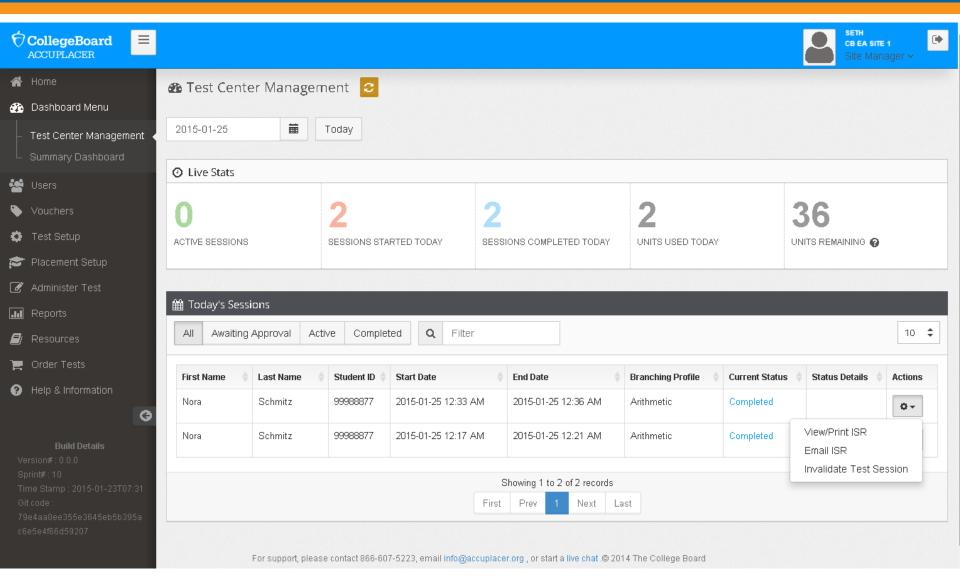
Saves travel time to a campus

Four students per Virtual Proctor



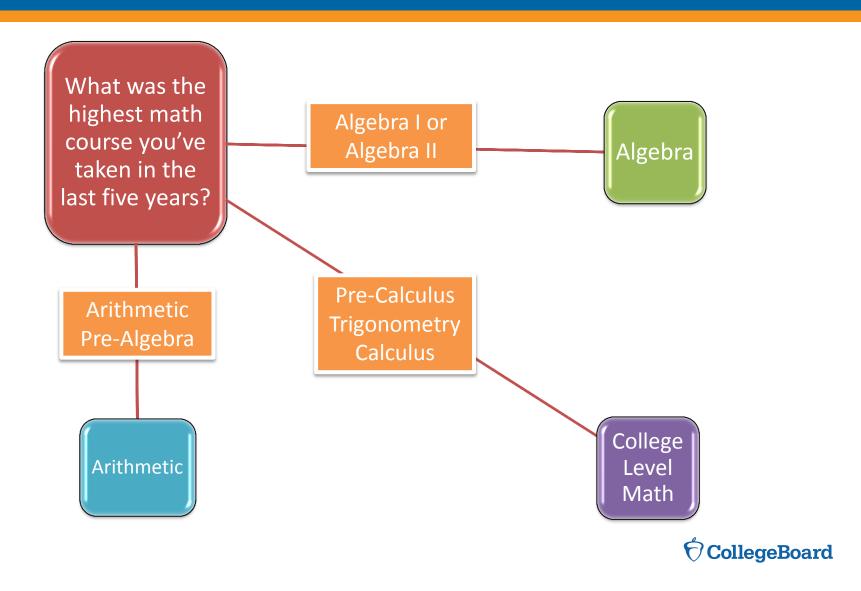


Flexible Test Administration Test Center Management Dashboard

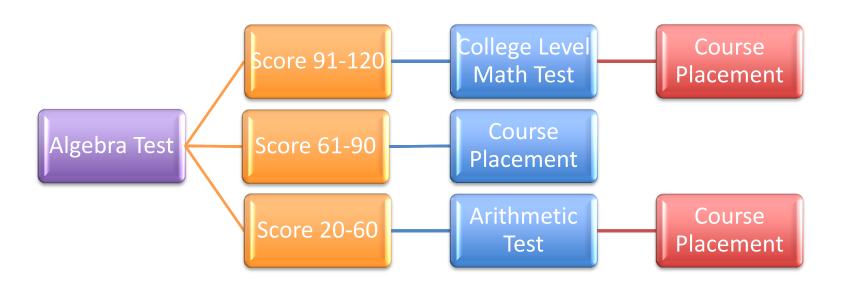


Flexible Testing with Branching Profiles

Branching Profiles: Background Questions



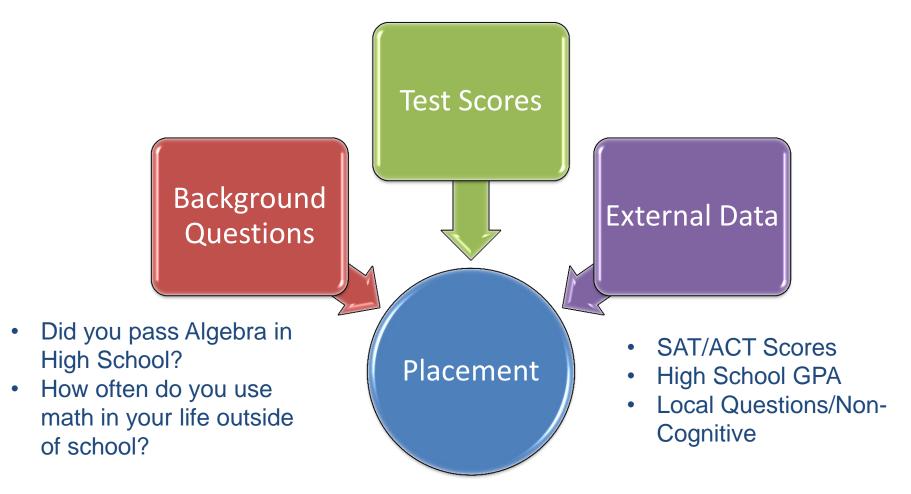
Branching Profiles: Test Scores





Flexible Placement with Multiple Measures

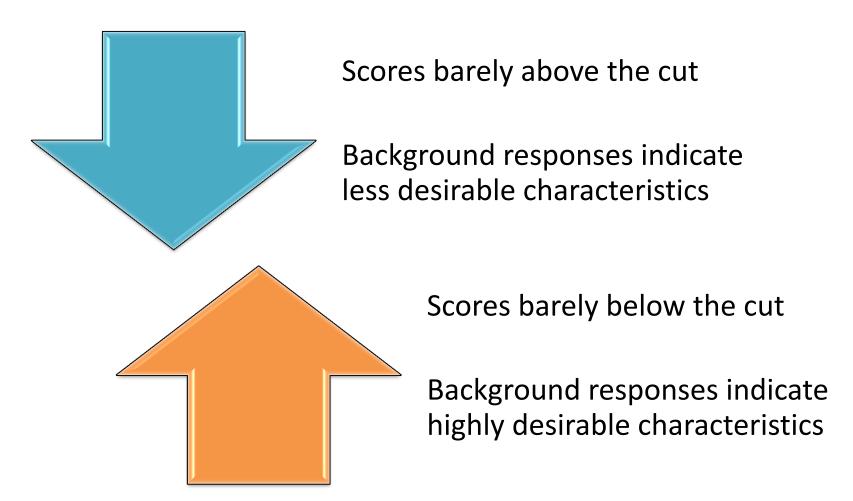
Robust Support of Multiple Measures





An Example: Fine Tuning Placement

Test Score + Background Question Responses





ACCUPLACER Reports

Reporting Features

- Immediate results
- Multiple report options available (11)
 - Individual Score Reports
 - Diagnostic Summary Reports
 - Custom Reports
- Exportable file formats
 - Excel
 - XML
 - CSV
 - Delimited Text
- ▶ Web Score Service for automatic data export



Individual Score Report

- Available to the student at the conclusion of testing
- Customizable to institutional specifications
- Can display:
 - Test scores
 - Testing times
 - Course Placements
 - Custom Messages
 - Background Question responses

CollegeBoard ACCUPLACER | Student Name: Keith Henry Student ID: 6308477250

Date of Birth	Major Name	Site Name
1992-07-01	Engineering	Henry Community College
Date of Testing 2015-03-16	Administered By Henry Community, Site Manager	Voucher Number -NA-

Message from the Institution

Thank you for taking ACCUPLACER which is an important part of your enrollment at Henry Community College. Please schedule an appointment with your adviser to complete your schedule and register for classes.

Time Record

Test Session Started	Test Session Ended	Total Time
2015-03-16 02:26 PM EDT	2015-03-16 02:30 PM EDT	00Hr:03Min:18Sec

Test Results

Test Name	Score
Arithmetic	20

Course Placements - Determined on 2015-03-16

Math 097 Math 097 - Review of Basic Mathematics

Standard Background Questions

Question Name	Answers
Self Description	White

Diagnostic Individual Score Report

	Scores									
	Domain scores range from 1 to 15									
Diagnostic Arithmetic	Domain scores range from 1 to 15.									
Domain	Needs Improvement Limited Proficience									
Computation with Integers and Fractions	Needs Improvement	Needs Improvement (1-4)Limited Proficiency (5-9)								
Your performance on Computation with Integers and Fractions suggestivide whole numbers and fractions, recognize equivalent fractions	Proficient (10-15)									
Computation with Decimal Numbers	Needs Improvement	, ,								
Your performance on Computation with Decimal Numbers suggests that you need to improve significantly in this area. These questio decimal numbers, recognize equivalent fractions and decimal numbers, and take squares and square roots of decimal numbers.										
Problems Involving Percent	Needs Improvement									
Your performance on Problems Involving Percent suggests that you equivalences, find a percent of a number, find what percent one nur		, , , , , , , , , , , , , , , , , , , ,								
Estimation, Ordering, and Number Sense	Limited Proficiency	9								
Your performance on Estimation, Ordering, and Number Sense sug estimate sums, differences, products, and quotients of fractions and	,									
Word Problems and Applications	Limited Proficiency	9								
Your performance on Word Problems and Applications suggests the problems involving rates, ratios, proportions, and fractional parts of tables.	·									



Web Score Service

- Automatically transfer data from ACCUPLACER to a specified location
- Select download interval
- Select file Format
- Can be setup on a per campus basis and also system-wide





Student Engagement and Preparation

Student Engagement and Preparation

Sample Questions for Students

- Downloadable PDF
- Questions with Answer Key

Web Study App

- Free to students as of mid-May
- Scored mini-tests with overall and strand scores
- Rationale on answering each question

Remediation Planner

- Interpret Diagnostic scores
- Assign topics for study based on Diagnostic scores
- Plan individual intervention or design curriculum

MyFoundationsLab

- Results from Diagnostic provide individualized learning paths
- Online content available 24/7



Web Study App

ACCUPLACER°

Take Test

History



History / Arithmetic 03/23/15 / Computation with Integers and Fractions / Question 13



Arithmetic



















Directions

Solve the following problem and select your answer from the choices given.

Question 13 of 23

$$\frac{85}{5} - 12 \times 3 + 4 \times 3 =$$

Incorrect

You selected answer A, the correct answer was B.

✔ B

-7

* A

-19

Rationale

Choice (B) is correct. To compute the value of $\frac{85}{5}-12\times 3+4\times 3$, follow the order of operations. First, perform all multiplications and divisions, reading from left to right: $\frac{85}{5} - 12 \times 3 + 4 \times 3 =$

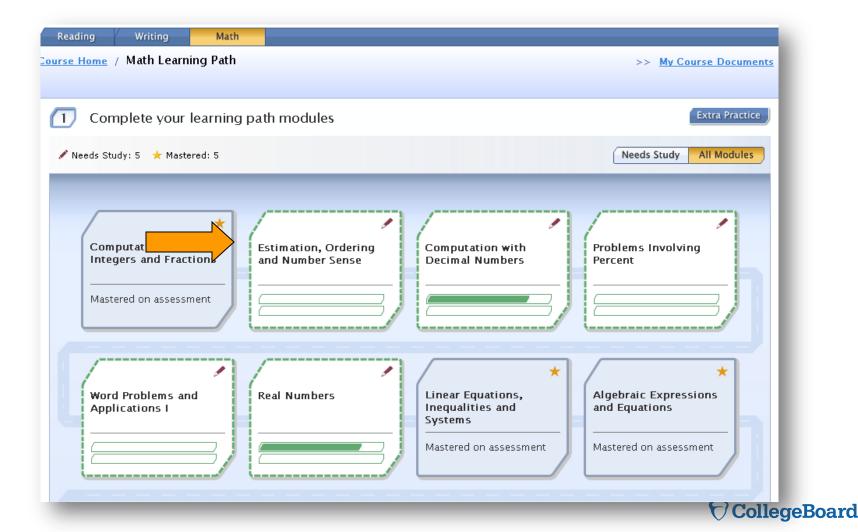
$$\left(\frac{86}{6}\right) - (12 \times 3) + (4 \times 3) = 17 - 36 + 12$$
. Next,



Remediation Planner Create a Unique Plan for Student

Oomain		Needs I	mprovement	Limited Proficiency	Proficient	Score					
Computation with Integ		Re	mediation P	lanner	† CollegeBoard	4					
our performance on Co	Student:		t			, multiply, and					
ivide whole numbers ar	Date:	School:		Counselor:		, multiply, and					
vide whole numbers an	ACCUPLACER® is a testing tool used b	oy colleges to determine whether studen	ts are college ready when they	begin higher education.							
omputation with Deci	Omputation with Deci You are considered college ready if you are able to take credit-bearing courses in your program of study immediately. If you are not considered college ready, you must take remediation courses before you can move into courses in your program.										
	When you took ACCUPLACER Diagno	stics, you received a score report with bo		5) and a proficiency level for each domain test							
our performance on Co	Improvement (score of 1-4) or Limited Proficiency (score of 5-9) range in any of the domains tested, you can find recommended topics for study below. If you scored in the Proficient range (score of 10-15) in any of the domains tested, your score indicates that you are proficient, and no additional work is needed in that area.										
ecimal numbers, recogn				LOCTIO		ltiply, and divid					
		Al	RITHMETIC DIAGI	NOSTIC							
roblems Involving Per	Computation with	Computation with	Computation with Decimal Numbers Problems Involving Percer		Word Problems	4					
	Integers and Fractions	Decimal Numbers		and Number Sense	and Applications						
our performance on Pro	NEEDS IMPROVEMENT (Score 1-4)	NEEDS IMPROVEMENT (Score 1-4)			□ NEEDS IMPROVEMENT (Score 1–4)	imal					
quivalences, find a perc	Work on all topics checked ✓	Work on all topics checked ✓	Work on all topics check	(Score 1-4) ed Work on all topics checked ✓	Work on all topics checked ✓	ents.					
Estimation, Ordering, a		☐ LIMITED PROFICIENCY (Score 5–9) Work on all topics checked ✓	☐ LIMITED PROFICIENCY (Score 5–9) Work on all topics check	☐ LIMITED PROFICIENCY (Score 5–9) Work on all topics checked ✓	UMITED PROFICIENCY (Soore 5–9) Work on all topics checked ✓	9					
_	•	•	·	•							
ur performance on Es		Your Score:	Your Score:	Your Score:	Your Score:	ur ability to					
stimate sums, difference	Exponents and Roots	Comparing and Rounding Decimals	Rates	Comparing and Rounding Whole Numbers	Ratios	the number line					
	☐ ☐ The Order of Operations	Adding and Subtracting Decimals	Understanding and	Using Estimate by Rounding	☐ ☐ Proportions						
Word Problems and Ap	Least Common Multiples and	☐ ☐ Multiplying Decimals	Using the Percent		Perimeter and Area	9					
	Adding and Subtracting	☐ ☐ Dividing Decimals	Solving Word Problewith Percent	ems	Mean and Weighted Mean						
our performance on Wo	☐ ☐ The Order of Operations and Complex Fractions	☐ ☐ Writing Fractions and Decimals	Basics of Percent:		☐ Tables and Pictographs	to solve word					
problems involving rates, tables.	Factors of	Reading and Writing	Basics of Percent:		Circle Graphs and	raphs and					
	Parity of	Decimals	Fractions		Par Create and Line						
	Fractions Basics of	-			Graphs						
	Mixed Numbers										
	Writing a Fraction in Lowest Terms					llegeBo					

Individualized Intervention Through Online Content



ACCUPLACER Pricing

Unit-Based Pricing

- Institutions purchase units in advance of testing and use units on a declining basis
- ► All tests are 1 unit except WritePlacer (2), WritePlacer ESL (2) and ESL Listening (2.5 units)
- Unit Pricing is
 - Basic \$2.20 per unit
 - College Board Members \$2.05 per unit
 - System-wide adoption \$1.85 per unit
- ► There are no additional costs beyond the unit price. The following are included in the unit cost:
 - ✓ Training
 - ✓ Set-Up Assistance
 - ✓ Maintenance

- ✓ Licensing
- ✓ Unlimited Sites/Users
- √ Validity Studies



Implementation

Getting Started Policy Development

Policy Development



Account Setup



Testing

Implementation Supported by Just-in-time Training

Faculty and Leadership

- Take tests in the platform Free Demo Units provided
- Review test blueprints and proficiency statements
- Examine cut scores from other institutions
- Develop policies on:
 - ✓ Tests to be used and any conditions
 - ✓ Use of Background Questions
 - ✓ Multiple Measures
 - ✓ Placement Policies

Training provided on test design, supporting documents, and process of testing.

Survey of ACCUPLACER Mathematics Tests Scores Used for Placement into Developmental Math Courses

AP = Arithmetic FA = Flamentony Algebra CIM = College Level Math

AK-	Arithme	uc, LA	- Elemei	Itary Ai	gebra, C	LM = C	onege-L	ever wra	ın						
Basic Math		Pre-Algebra		Elementary Algebra		Intermediate Algebra		Other							
AR	EA	CLM	AR	EA	CLM	AR	EA	CLM	AR	EA	CLM	AR	EA	CLM	Course
20-34			35-74			75-120	35-53			54-89					
				20-52						53-72					
20-27	20-25		28-86	26-50		87-120	51-105			106-	20-40				
										120					
20-36				37-71						72-94					
							20-70			71-120					
20-40				20-49			50-66								
							20-63			64-81					
			20-52	20-37		53-120	38-52			53-72					
20-36						75-120			75-120	20-60					
	20-72						73-120	40-66			67-120				
20-59						20-59	20-79					20-45			With RC 54-83
20-39						20-39	20-79					20-45			Immersion Math
20-51						69-79	51-75		69-120	79-89					
51-79	20-50					80-120	20-75		69-120	90-120	20-45				
20-29	20-71		30-64	20-71		65-120	20-71			72-89					
										90-120	20-39				
30-57			57-120			30-57	20-57		57-120			20-30			Adult Basic

- solve simple percent problems of the form p% of q = ? and ?% of q = r
- divide whole numbers by decimals and fractions
- solve simple word problems involving fractions, ratio, percent increase and decrease, and area

Getting Started Account Setup

Policy Development



Account Setup



Testing

Implementation Supported by Just-in-time Training

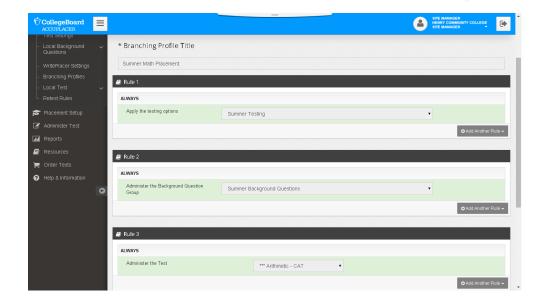
Institution Administrators

- Create account structure of testing sites
- Create account users
- Set up account to reflect adopted policy

Individual Campus Site Managers

 Adapt institution created account setup to local campus needs

Training provided on account setup and reporting.





Getting Started Testing

Policy Development



Account Setup



Testing

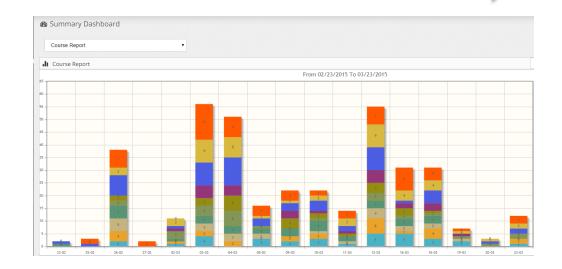
Implementation Supported by Just-in-time Training

<u>Individual Campus Site Managers and</u> Proctors

- Testing Procedures
- Reporting
- Ongoing account maintenance

System Institution Administrators

- Reporting
- Ongoing account maintenance

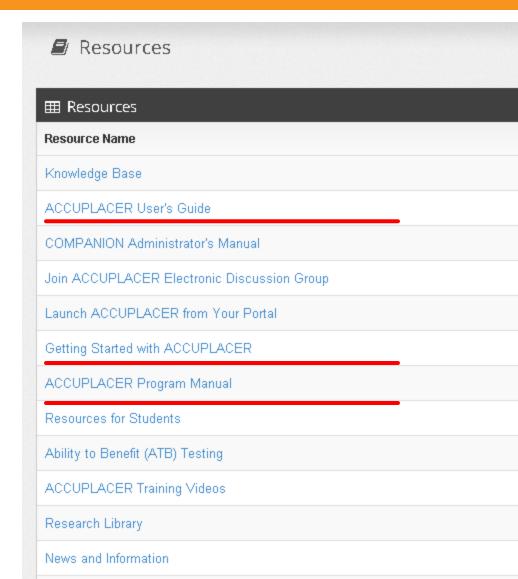


Training provided on account setup and reporting.



Resources Inside ACCUPLACER

- Getting Started with ACCUPLACER
- ACCUPLACER User's Guide
- ACCUPLACER Program Manual



Professional Development Resources

http://accuplacer.collegeboard.org/professionals/professional-development

- Live webcasts held on selected special topics
- Recorded sessions on a variety of topics
- ► ACCUPLACER Account Setup presentation
 - Setup process overview
 - Step by step instructions
 - Links to video demonstrations



ACCUPLACER Outreach and Support Teams

The Outreach Team

- Senior Assessment Managers
- Provide service to institutions at the campus, system, and state levels
- Consultation, training, professional development, and advocacy
- On campus, face-to-face service
- Virtual service via webcast and phone

ACCUPLACER Support

- Staff dedicated to troubleshooting, problem solving, Q/A
- Available 12 hours/day 6 days/week
- Phone: 866-607-5223
- Email: info@accuplacer.org
- Live chat



Q&A?

Contact

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