

Strategic Recommendations for Improving Student Achievement

Jorea Marple, Ed.D.
Curriculum & Instruction

To access documents for this session:

- Access the Internet
- Go to the WVDE home page <http://wvde.state.wv.us>
- On the left side of the page, click on “Other WVDE sites”
- From these options, click on “Downloads” (the first one)
- Select WV County Superintendents’ Meeting to see the list of documents

Strategic Recommendations for Improving Student Achievement

**DESIGNED FOR WV SUPERINTENDENTS'
CONSIDERATION**

**“Overview of What We Want to
Accomplish in this Session”**

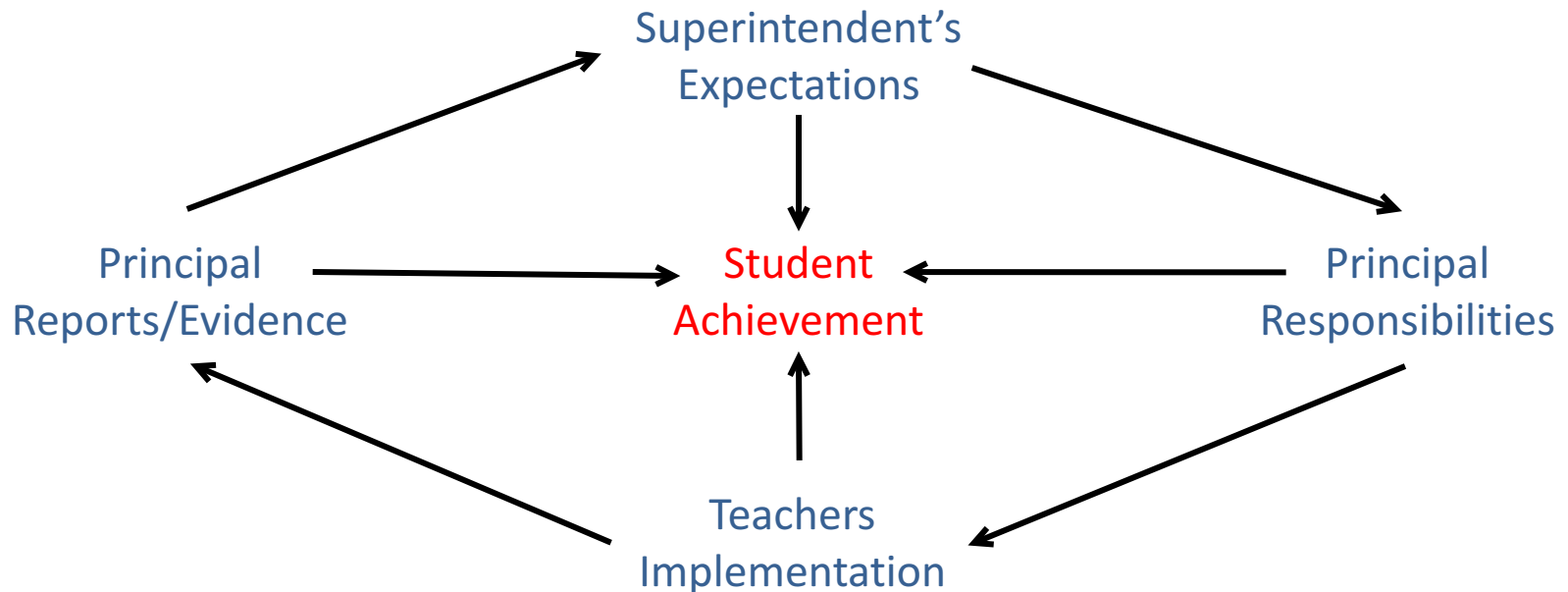
➤ **Provide a Summary of WVDE Conducted or Coordinated Research** related to the following initiatives and impact on achievement:

- **Writing Roadmap**
- **Acuity**
- **techSteps**
- **Reading First**
- **RTI**
- **Technology Integration Specialist**
- **Teacher Coaches in Title I Schools**

➤ **Provide Specific Recommendations for the CORE PROGRAM (Tier I) within the *Pre-K-12 Framework for Literacy* to improve student achievement:**

- **Teacher Implementing Standards Based Instruction**
- **Utilizing Acuity Effectively for Classroom Assessment**
- **Utilizing Writing Roadmap**
- **Utilizing techSteps**

➤ **Provide a Process for System Monitoring of Implementation of Specific Recommendations for CORE PROGRAM at the school level.**



➤ **Provide Specific Answers and Recommendations** to questions related to Math Curricular Requirements and Implementation:

- **Should students take math each year?**
- **Why did we do away with Consumer and Business Math?**
- **When do I schedule Algebra I Support Classes?**
- **What should counties consider when adopting a new math text?**

Summary of WVDE Conducted and Coordinated Research and Impact on Student Achievement

Summary of Research

Superintendent's Checklist for Monitoring Strategic Recommendations for Improving Student Achievement through Standards Based Instructional Design and Delivery

Recommendation # 1

❖ Evidence that a process is in place to demonstrate implementation of standards-based instruction focused on improved student achievement

- ☐ Principal participates in district-level professional development using template <http://wvde.state.wv.us/teach21/planning-document.html>
- ☐ Principal provides school-based professional development session to school staff based on unit the teacher is currently implementing in classroom
- ☐ Principal shares progress report on school-wide implementation with superintendent on percent of teachers completing template on standards based instruction for a current unit on a quarterly basis
<http://wveis.k12.wv.us/Teach21/public/cso/cso.cfm?sele1=2&sele2+106>

Recommendation # 2

❖ **Evidence of implementation of *Acuity Benchmarking* to support standards-based instruction focused on improved student achievement (Assessment for Learning) <https://www.acuityathome.com>**

- ☐ Principal participates in district-level professional development using *Acuity* as an assessment for Learning
- ☐ Principal provides school-based professional development session to school on using *Acuity* as an assessment for Learning
- ☐ Principal monitors progress of implementation of *Acuity* as an assessment for learning tool:
 - Teacher created custom assessments
- ☐ Principal shares progress report on school-wide implementation of *Acuity* with superintendent on a quarterly basis.



Welcome to Acuity!

User Login

User Name:

Password:

Enter Site

To get started, type your User Name and Password in the fields above and click Enter Site.

Please [click here](#) if you do not remember your Password.

For technical assistance, please contact us at support@acuityforschool.com or 1 (800) 282-4705.

Tests

Assignment Status

Preview/Print

Scoring and Scan
Processing

Custom Tests

Reports

Instructional
Resources

Management

My Settings

Additional Help

Create / Manage Custom Tests

Step 1 of 5: Find Existing or Create New

Search For Custom Tests

School: Alum Creek Elementary
Subject: Mathematics

Show Existing Tests

Create New Test

Additional Search Filters (Optional)

Created by Last Name:

Test Name:

Search

Search Results

Sort by: Test Name

Page 1 of 2

Show 25 results per page

Test Name	Created By	Date Created	Last Used	Preview	Edit	Delete	Copy
Add unlike denominators	Name, Teacher	09/30/2009	-	Preview	Edit Draft	Delete	Copy
Add unlike denominators -Allum Creek	Name, Teacher	09/30/2009	-	Preview	Edit Draft	Delete	Copy
add unlike denominators -Ruthlawn	Name, Teacher	09/30/2009	-	Preview	Edit Draft	Delete	Copy
circle tes	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy

CTB/McGraw-Hill - Windows Internet Explorer

https://www.acuityathome.com/login.m?command=login

File Edit View Favorites Tools Help

Google G- Go Bookmarks 327 blocked Check AutoLink AutoFill Send to Settings

CTB/McGraw-Hill

The McGraw-Hill Companies

ACUITY

(Currently School Administrator in Alum Creek Elementary) Home Help Contact Us Logout

Page 1 of 2 Show 25 results per page

Test Name	Created By	Date Created	Last Used	Preview	Edit	Delete	Copy
Add unlike denominators	Name, Teacher	09/30/2009	-	Preview	Edit Draft	Delete	Copy
Add unlike denominators - Allum Creek	Name, Teacher	09/30/2009	-	Preview	Edit Draft	Delete	Copy
add unlike denominators - Ruthlawn	Name, Teacher	09/30/2009	-	Preview	Edit Draft	Delete	Copy
circle tes	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy
Compare Fractions 2	Name, Teacher	03/06/2009	-	Preview	Edit Final	Delete	Copy
Comparing Fractions 1	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy
Decimal Ordering Test 1	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy
Division Test	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy
fractions and percents	Name, Teacher	04/21/2009	-	Preview	Edit Final	Delete	Copy
Geometry Angles Test Saved 2	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy
Geometry-Angles	Name, Teacher	02/16/2009	-	Preview	Edit Final	Delete	Copy
Geometry-Verices	Name, Teacher	02/16/2009	-	Preview	Edit Final	Delete	Copy
Layer-addition withandwithoutout regrouping	Name, Teacher	05/11/2009	-	Preview	Edit Final	Delete	Copy
Layer-Problem Solving	Name, Teacher	05/14/2009	-	Preview	Edit Final	Delete	Copy
Layer-ProblemSolving-fill	Name, Teacher	05/14/2009	-	Preview	Edit Final	Delete	Copy
layerproblemulti	Name, Teacher	05/14/2009	-	Preview	Edit Final	Delete	Copy
Math CSO 1	Name, Teacher	05/11/2009	-	Preview	Edit Final	Delete	Copy
Multi step word problems Test 1	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy
Multi step word problems TEST 2	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy
Number Order - ExponentsTest 1	Name, Teacher	02/24/2009	-	Preview	Edit Final	Delete	Copy
Ordering Decimals Test 2	Name, Teacher	02/17/2009	-	Preview	Edit Final	Delete	Copy

Copyright © 2009 by The McGraw-Hill Companies, Inc. All rights reserved

Internet | Protected Mode: Off 100%

Custom Tests Created by WV Teachers (October 08 through October 09)

- **RLA: 4,247**
- **Math: 6,664**

Custom Tests Completed by Students (October 08 through May 09)

- **Math: 246,348**
- **RLA: 237,851**
- **Science: 58,207**

All Completed Tests: 542,406

Recommendation # 3

❖ Evidence of implementation of *Writing Roadmap 2.0* to support standards-based instruction focused on improved student achievement (Assessment for Learning) www.writingroadmap2.com

- ☐ Principal participates in district-level professional development using *Writing Roadmap 2.0*
- ☐ Principal provides school-based professional development session to school on using *Writing Roadmap 2.0*
- ☐ Principal monitors progress of using *Writing Roadmap 2.0*:
 - Number of essays assigned
 - Number of essays completed
- ☐ Principal shares progress of implementation of *Writing Roadmap 2.0* with superintendent on a quarterly basis

Writing Roadmap 2.0 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address <https://www.writingroadmap2.com/teacher/login.asp?focus=off> Go Google

Writing ROADMAP^{2.0} Writing Roadmap 2.0

Enter your site code, username and password.

Site Code: ?

Username:

Password:

Full Screen: ☒

Published by CTB/McGraw-Hill LLC, a subsidiary of The McGraw-Hill Companies, Inc., 20 Ryan Ranch Road, Monterey, California 93940-5703. Copyright © 2008 by CTB/McGraw-Hill LLC. No part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written permission of the publisher. Software and some prompts copyright © by Bookette Software Company, Monterey, California 93940. All rights reserved. Writing Roadmap is a trademark of The McGraw-Hill Companies, Inc. Powered by SkillWriterSM, a product of Bookette Software Company, which is the owner of all copyright, trademark, service mark, and other intellectual property rights thereto (Copyright © 2008 Bookette Software Company, Monterey, California). [Terms of Use](#)

Done Trusted sites



Main View - Marmet Junior High (view County)



Welcome State!

Oct. 22 - 3:01pm

State ☐ West VirginiaCounty ☐ PUTNAM
COUNTY
SCHOOLSSchool ☐ HURRICANE
MIDDLETeacher ☐ (all)

Views

- ☐ Main View
- ☐ Print View
- ☐ Logout
- ☐ Help

Tasks

- ☐ Manage Teachers
- ☐ Manage Groups
- ☐ Manage Enrollment
- ☐ Build Tests
- ☐ Manage Assignments
- ☐ Report Results
- ☐ Score Items

Functions

- ☐ Manage Test Folders
- ☐ Curriculum Standards
- ☐ Manage Special Codes
- ☐ Manage Tag Groups
- ☐ Manage Proficiency Scales

Utilities

- ☐ Search
- ☐ Change Display
- ☐ Update User Info
- ☐ Export Data

Administration

- ☐ User List
- ☐ User Search
- ☐ Curriculum Access



Teacher/Group Summary

Teacher Name	Group Name	Students	Assignments
Barth, Jan	Writing	0	0
Judy, Beth	Writing	0	0
White, Larry	Writing	68	68
Smith, Diane	Writing	23	47
Cipoletti, Beth	Writing	0	0
Smith, Kris	DEVANEY BLOCK 1	25	50
Anderson, Krysten	DEVANEY BLOCK 2	24	24
Baker, Vicki	DEVANEY BLOCK 3	25	25
Hixson, Nate	Writing	0	0
Perdue, Jason	LA 1	14	14
Harvey, Terri	LA 2	25	25
Mullens, Marlana	LA 3	25	25
Butcher, Tim	lang. arts 6-1	21	63
Dillion, Pat	lang. arts 6-2	24	72
Sims, Jane	lang. arts 6-3	23	69
Gholson, Melissa	Writing	0	0
Foster, Sandra	Writing	0	0
Miller, John	Hardin Basic 1	18	18
Rhudy, Vaughn	Hardin Basic 2	19	19
Christy, Carrie	Hardin Basic 3	25	25
Kazemzadeh, Allegra	Writing	0	0
White, Sonya	Writing	0	0
Marple, Joreca	Writing	12	48

2009-2010 State Usage (as of 10/21/09)

- **Number of essays assigned - 90,032**
- **Number of essays completed - 11,487**

Recommendation # 4

❖ Evidence of implementation of *techSteps* to support standards-based instruction focused on improved student achievement (Integration of Content with Learning Skills and Technology Tools and 8th Grade Technology Literacy) www.techsteps.com

- ☐ Principal participates in district-level professional development using *techSteps*
- ☐ Principal provides school-based professional development session to school on using *techSteps*
- ☐ Principal monitors progress of implementation of techSteps:
 - Number of projects completed by students
- ☐ Principal shares progress of using techSteps with superintendent on a quarterly basis

For Principal/Educator Login, Select:

SchoolKiT

techSteps™

SUPPORT

STUDENT LOGIN

TEACHER LOGIN

Home

Contact Us

Licensing

Welcome to techSteps

School districts use techSteps to develop and assess K-8 student technology literacy in an integrated, 21st century context. techSteps includes:

A K-8 Technology Literacy Framework

Built on the National Education Technology Standards for Students (NETS*S) and the work of the Partnership for 21st Century Skills, techSteps provides a developmental scope and sequence framework covering:

- Creativity and Innovation
- Communication and Collaboration
- Research and Information Fluency
- Critical Thinking, Problem Solving and Decision Making
- Digital Citizenship
- Technology Operations and Concepts



Tell a Friend
about techSteps

[Click here](#)



[SchoolKiT](#)

techSteps™

SUPPORT

STUDENT LOGIN

TEACHER LOGIN

Home

Contact Us

Licensing

**Standard
Login**

Account Id:

User Id:

Password:

Log Me In

**Nickname
Login**

Nickname:

Password:

Log Me In

**Forgot
Your
Password?**

Email Address:

Email Me

If you have lost your password, enter your email address above and click 'Email Me.' We will send details of all techSteps passwords associated with the email address.

Principals and teachers have login IDs. Superintendents may receive one too.

School Name	Grade	Number of Students	YTD Projects Assessed	YTD AVG Projects per Student	Standard Deviation (Pop)	AVG Profile Attainment Points
ARTHUR I BOREMAN ELEMENTARY SCHOOL	K	41	208	5.07	2.06	NA
	1	71	270	3.80	2.85	NA
	2	53	294	5.55	1.47	NA
	3	70	376	5.37	1.53	55.43
	4	65	296	4.55	1.28	98.46
	5	69	309	4.48	1.12	124.01

School Name	Grade	Number of Students	YTD Projects Assessed	YTD AVG Projects per Student	Standard Deviation (Pop)	AVG Profile Attainment Points
West Fairmont Middle School	5	192	695	3.62	1.68	76.71
	6	179	759	4.24	1.33	57.16
	7	154	761	4.94	1.56	70.55
	8	180	788	4.38	2.12	68.98

techSteps K-8 Projects

Curriculum is Integrated and Systematic

8	Digital Storytelling	Online Book Review	From Issue to Action	Animate a Change Process	Database Analysis	Linear Data Deductions
7	Critical Reading	Fact and Fiction	Dynamic Journeys	Collaborative Database	Vector Translations	Random Climb
6	Poetry in Motion	Write a Research Report	Famous Person Plaque	Interactive Timelines	Investigate Paper Copters	How Does Fair Food Fare?
5	Write and Interactive Story	Talk to a Topic	Opinion Survey	Build a Database	Ray's Electricity Model	Problem Solving Table
4	Note Taker	E-Pals	Prove It	Zoom In	Now You're In Business	Extend a Pattern
3	Is it Fact? Is it Fiction?	Who Am I?	Neighborhood Maps	Mini Field Trip	Class Favorites	Multiplication Calculator
2	Flight Write	Visual Clues	Trading Cards	Sounds Like	Interpret a Pictograph	Mental Math
1	Look at the Clouds	What's the Weather?	Classify Leaves	Colors of the Rainbow	Identify and Draw Shapes	Measure Your Hand
K	What's Missing?	By Air, Water, or Land?	Sorting Science	Five Senses	What's Next?	Shape Hunt

***School Based Report on Strategic Recommendations for Improving
Student Achievement through
Standards Based Instructional Design and Delivery***

School _____ County _____

☐ Percent of teachers completing template on standards based instruction for a current unit:

○ _____

☐ Estimated percent of reading/LA, math, science and social studies teachers creating custom tests using *Acuity* as an assessment for learning tool (<https://www.acuityathome.com>)

○ _____

☐ Number of essays assigned using *Writing Roadmap* (www.writingroadmap2.com)

○ _____

☐ Number of essays completed using *Writing Roadmap* (www.writingroadmap2.com)

○ _____

☐ Number of *techSteps* projects completed (www.techsteps.com)

○ _____

Should students take mathematics
each year of high school?

YES.

Why did we do away with Business
Math and Consumer Math
classes?

This mathematics is integrated
throughout the curriculum K-12.

Is it really possible for all students
to learn algebra?

YES.

When do you recommend Algebra Support classes be taught?

Students in need of Algebra Support should take Algebra I during their ninth grade year. Our current eighth grade math course is rich and better prepares at risk students to take Algebra and Algebra Support together in the ninth grade.

What should counties consider when adopting new mathematics textbooks?

- Amount of professional development required when selecting a “bundled” program.
- Adopting the same series within a programmatic level in order to insure vertical alignment and consistent vocabulary presentation.
- A RESA wide adoption to maximize resources and professional development.
- Adopting a series that meets the needs of students who can easily master Algebra I, Geometry and Algebra II as well as those who will need additional support through Algebra I Support and Conceptual Math (21st Century Algebra).
- The adoption should provide:
 - (a) formative assessment and prescriptive instruction
 - (b) web-based access at school and home

Strategic Recommendations for Improving Student Achievement

Thank You
For Your
Dedication To Education