


WELCOME TO STANDARDS-BASED ASSESSMENT IN MATHEMATICS

I am glad you are here today!

While we wait for the session to begin, please:

- Make sure you have signed in
- Begin to work through the activities "Caterpillars and Leaves" or "Beads under the Cloud"
- Feel free to ask ANY questions that you might already have!



Mollie Hall
Math Instructional Lead Teacher
Locust Grove Elementary

Goals for Today

1. County Formative Assessments
2. Edited State Math Frameworks
3. Questions about Performance Based Assessments

How do I know what I know?



What Math Assessments are
you giving?



Why are you giving those assessments?

... all those activities undertaken by teachers, and by their students in assessing themselves, which provide information to be used as feedback to modify the teaching and learning activities in which they are engaged. Such assessment becomes "formative assessment" when the evidence is actually used to adapt the teaching work to meet learning needs.

Black and Williams (1998 and summarized in 2001)



Why are you giving those assessments?

The Big Idea of formative assessments:

- Students and teachers
- Using evidence of learning
- To adapt teaching and learning
- To meet immediate learning needs
- Minute-to-minute and day-to-day.

Marnie Thompson and Dylan Wiliam (2008)

What are Common Formative Assessments or CFAs?

- Periodic assessments collaboratively designed by the grade-level
- Designed as matching pre- and post-assessments to ensure same-assessment to same-assessment comparison of student growth
- Similar in design and format to district and state assessments

Larry Ainsworth;

<http://www.sde.ct.gov/sde/lib/sde/pdf/curriculum/cali/2fdtcommonformassess.pdf>

What are Common Formative Assessments or CFAs?

- A blend of items, including selected-response (multiple choice, true/false, matching) and constructed-response (short- or extended)
- Administered to all students in grade level several times during the quarter, semester, trimester, or entire school year
- Student results analyzed in Data Teams to guide instructional planning and delivery

Larry Ainsworth;

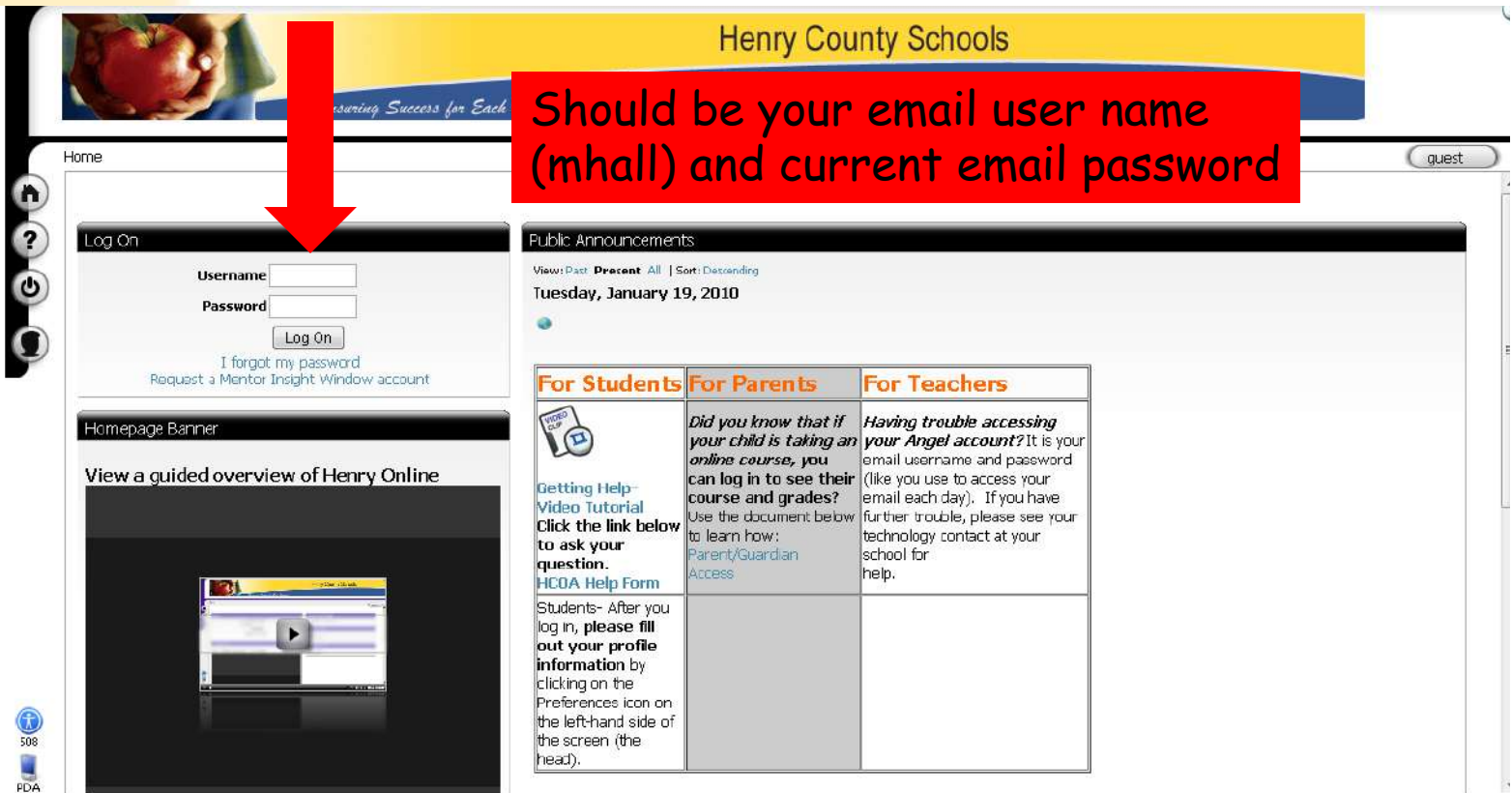
<http://www.sde.ct.gov/sde/lib/sde/pdf/curriculum/cali/2fdtcommonformassess.pdf>

What are the benefits of CFAs?

- Regular and timely feedback, which allows teachers to modify instruction
- Multiple-measure assessments that allow students to demonstrate their understanding of standards in a variety of formats
- Ongoing collaboration opportunities for grade-level teachers
- Consistent expectations within a grade level regarding standards, instruction, and assessment priorities
- Agreed-upon criteria for proficiency to be met within each individual classroom, grade level, school, and district
- Deliberate alignment of classroom, school, district, and state assessments to better prepare students for success on state assessments
- Results that have predictive value as to how students are likely to do on each succeeding assessment, in time to make instructional modifications



Where can I get CFAs? From Angel



Henry County Schools

Ensuring Success for Each

Home

Log On

Username

Password

Log On

[I forgot my password](#)
[Request a Mentor Insight Window account](#)


Homepage Banner

View a guided overview of Henry Online

Public Announcements

View: [Print](#) [Recent](#) All | Sort: [Descending](#)

Tuesday, January 19, 2010

For Students	For Parents	For Teachers
 Getting Help- Video Tutorial Click the link below to ask your question. HCOA Help Form Students- After you log in, please fill out your profile information by clicking on the Preferences icon on the left-hand side of the screen (the head).	Did you know that if your child is taking an online course, you can log in to see their course and grades? Use the document below to learn how: Parent/Guardian Access	Having trouble accessing your Angel account? It is your email username and password (like you use to access your email each day). If you have further trouble, please see your technology contact at your school for help.

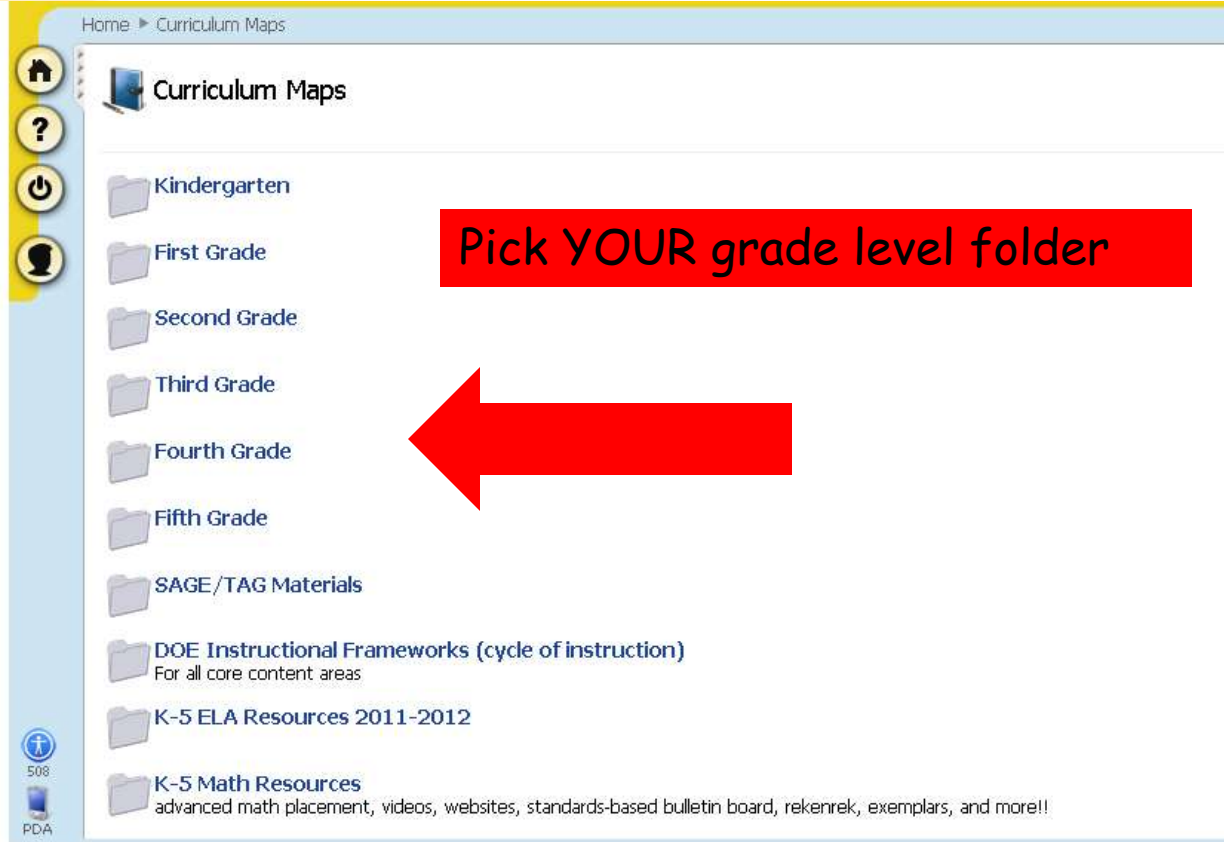
508
PDA

Where can I get CFAs? From Angel

The screenshot shows the Henry County Schools Angel portal. At the top is a banner with a photo of hands holding an apple and the text "Henry County Schools" and "Ensuring Success for Each Student". Below the banner is a navigation bar with a "Home" link and an "Edit Page" link. The main content area is divided into several sections:

- Courses**: A section with a "Find a Course" link and a list of courses. A red arrow points to this section. The first course listed is "Henry County Schools Elementary Curriculum Maps" with a role of "Student".
- Enroll By PIN**: A section with "Directions" on how to enroll and a form with a "Section ID" input field and an "Enroll" button.
- Course Mail**: A section with links to "View Inbox" (to view, read, and compose messages) and "Quick Message" (to skip the inbox and start a message). It also shows "Unread Messages" (0 messages).
- My Announcements**: A section showing the date "Tuesday, January 19, 2010" and a "View: Unread All | Mark as read" link.
- For Students**: A section with a "Getting Help-Video Tutorial" link and a "HCOA Help Form" link.
- For Parents**: A section with a "Did you know your child's online course can log in to course and use the document to learn how Parent/Guardian Access" link.

Where can I get CFAs? From Angel



The screenshot shows a web application titled "Curriculum Maps". On the left is a vertical sidebar with icons for Home, Help, Power, and Profile. The main content area lists several folders: Kindergarten, First Grade, Second Grade, Third Grade, Fourth Grade, Fifth Grade, SAGE/TAG Materials, DOE Instructional Frameworks (cycle of instruction) For all core content areas, K-5 ELA Resources 2011-2012, and K-5 Math Resources advanced math placement, videos, websites, standards-based bulletin board, rekenrek, exemplars, and more!!.


Home ► Curriculum Maps

Curriculum Maps

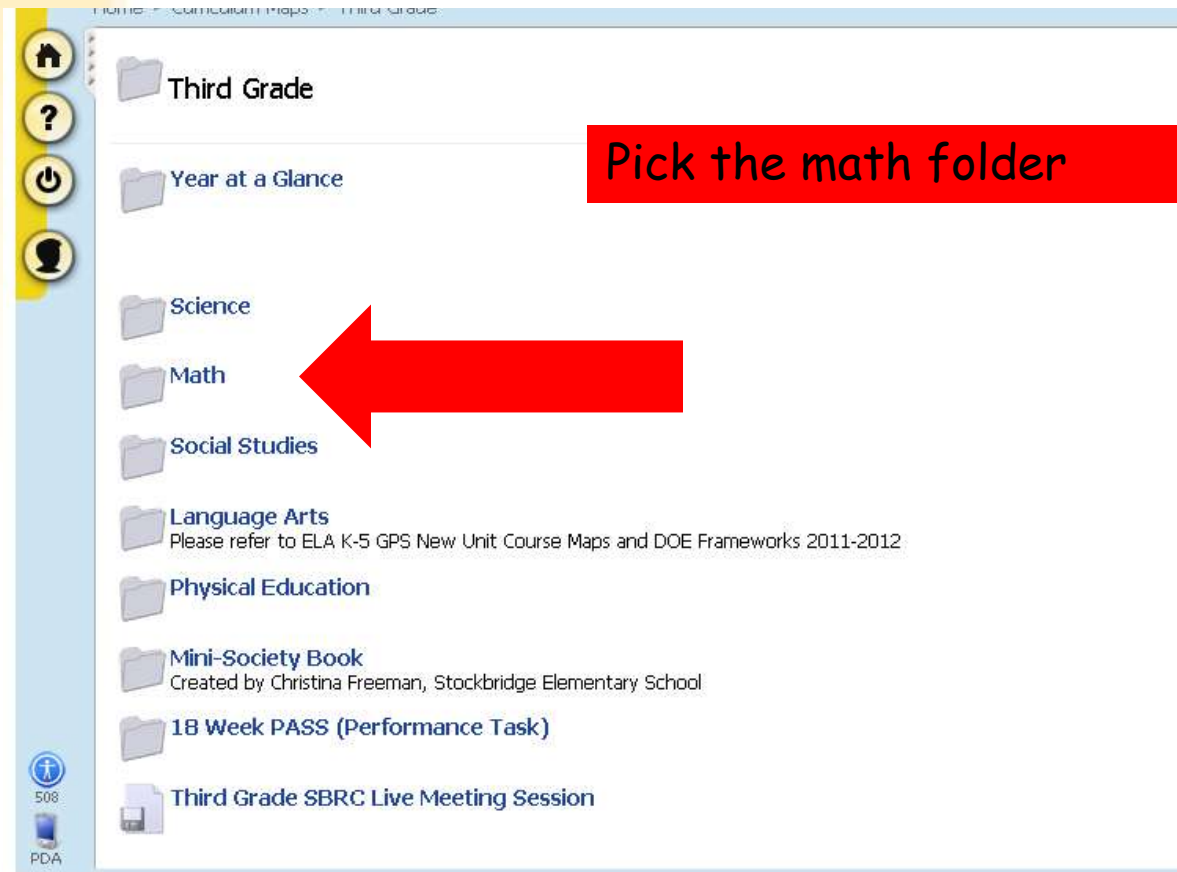
- Kindergarten
- First Grade
- Second Grade
- Third Grade
- Fourth Grade
- Fifth Grade
- SAGE/TAG Materials
- DOE Instructional Frameworks (cycle of instruction)
For all core content areas
- K-5 ELA Resources 2011-2012
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advanced math placement, videos, websites, standards-based bulletin board, rekenrek, exemplars, and more!!

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PDA

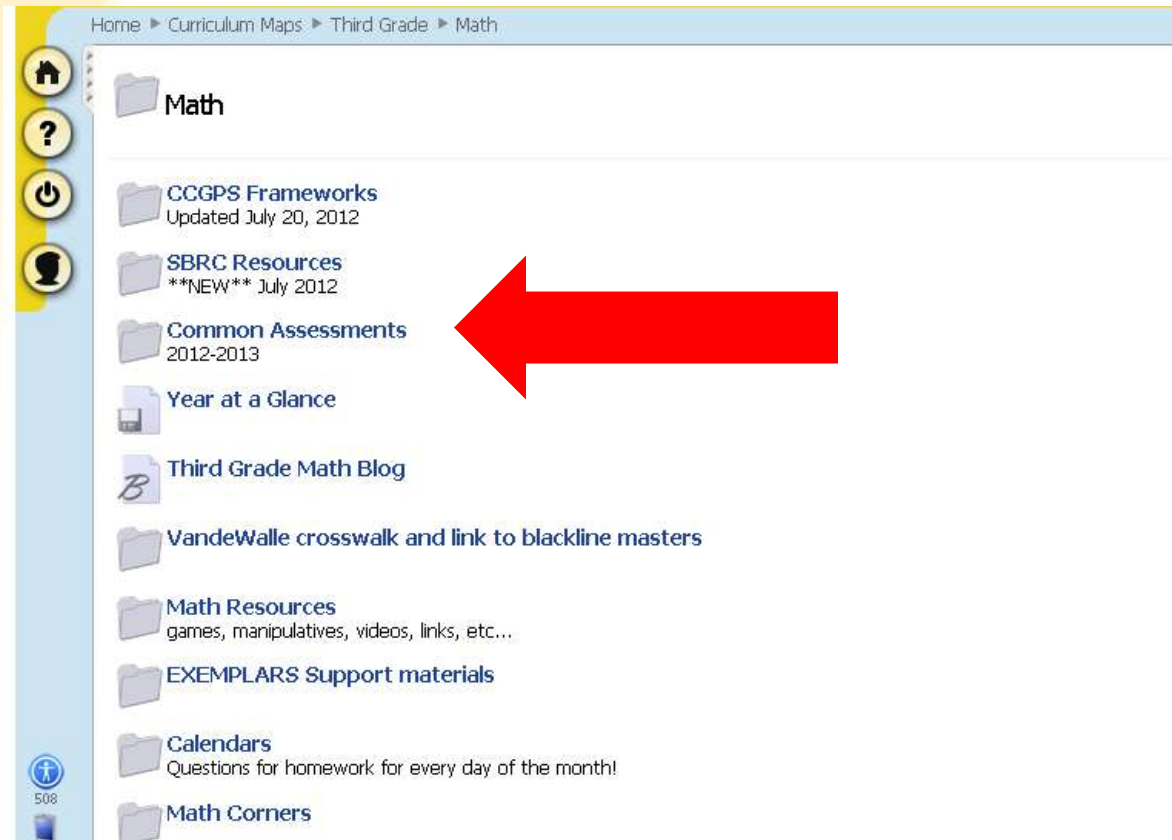
Pick YOUR grade level folder



Where can I get CFAs? From Angel



Where can I get CFAs? From Angel



Let's try a CFA!

"Welcome Back Party" is page 5 /6 of Grade 3 - Unit 1 Common Assessments. There are 7 total assessments in Unit 1.

What is a FAL?

Formative
Assessment
Lesson

What is a FAL?

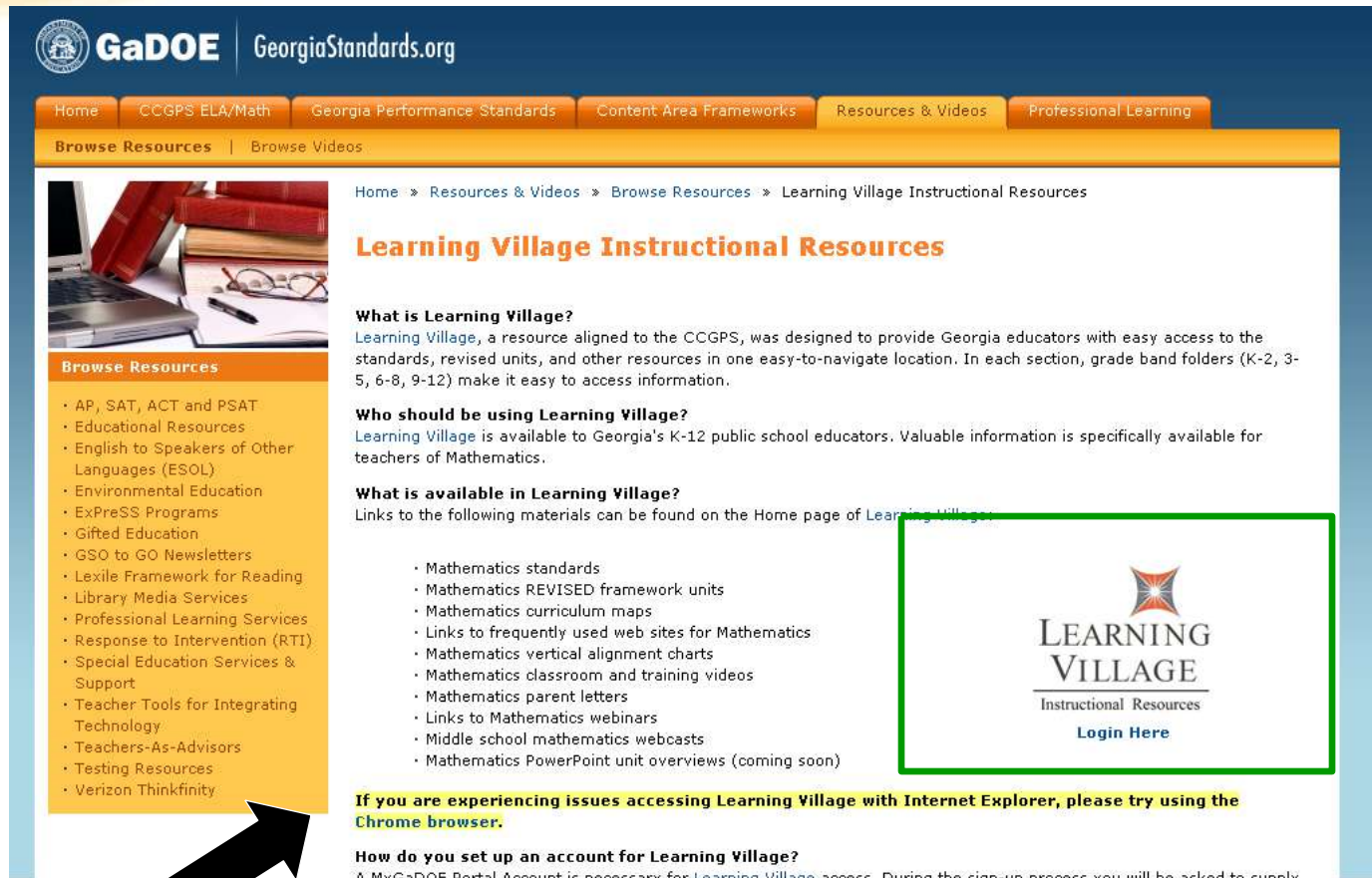
1. The concept-focused FALs have three main components:

- Pre-Lesson Assessment
- The Lesson
- Post-Lesson assessment

2. The problem-focused FALs have this structure:

- Students make an initial attempt at the problem (Pre-Assessment)
- Feedback on the initial attempt and reengagement
- Collaborative attempt at the problem, analysis of sample student responses
- Reflection on the problem-solving process

Where can I get FALs? From Learning Village



GaDOE GeorgiaStandards.org

Home CCGPS ELA/Math Georgia Performance Standards Content Area Frameworks Resources & Videos Professional Learning

Browse Resources | Browse Videos

Home » Resources & Videos » Browse Resources » Learning Village Instructional Resources

Learning Village Instructional Resources

What is Learning Village?
Learning Village, a resource aligned to the CCGPS, was designed to provide Georgia educators with easy access to the standards, revised units, and other resources in one easy-to-navigate location. In each section, grade band folders (K-2, 3-5, 6-8, 9-12) make it easy to access information.

Who should be using Learning Village?
Learning Village is available to Georgia's K-12 public school educators. Valuable information is specifically available for teachers of Mathematics.

What is available in Learning Village?
Links to the following materials can be found on the Home page of Learning Village:

- Mathematics standards
- Mathematics REVISED framework units
- Mathematics curriculum maps
- Links to frequently used web sites for Mathematics
- Mathematics vertical alignment charts
- Mathematics classroom and training videos
- Mathematics parent letters
- Links to Mathematics webinars
- Middle school mathematics webcasts
- Mathematics PowerPoint unit overviews (coming soon)

If you are experiencing issues accessing Learning Village with Internet Explorer, please try using the Chrome browser.

How do you set up an account for Learning Village?
A MyGaDOE Portal Account is necessary for Learning Village access. During the sign-up process you will be asked to supply

Browse Resources

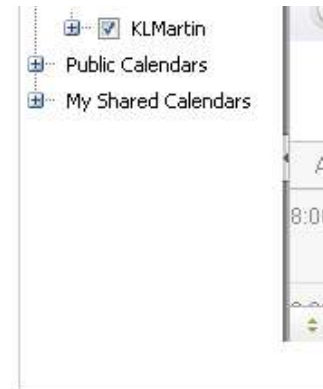
- AP, SAT, ACT and PSAT
- Educational Resources
- English to Speakers of Other Languages (ESOL)
- Environmental Education
- ExPreSS Programs
- Gifted Education
- GSO to GO Newsletters
- Lexile Framework for Reading
- Library Media Services
- Professional Learning Services
- Response to Intervention (RTI)
- Special Education Services & Support
- Teacher Tools for Integrating Technology
- Teachers-As-Advisors
- Testing Resources
- Verizon Thinkfinity

LEARNING VILLAGE
Instructional Resources
[Login Here](#)

Where can I get FALs? From Learning Village



Learning Village is a resource aligned to the Georgia Performance Standards and is designed to provide Georgia Educators with easy access to the standards, revised units, and other curriculum resources in one easy-to-navigate location.



GaDOE Subject Areas



Ga

K-12 ENGLISH LANGUAGE ARTS (ELA)



K-12 MATHEMATICS



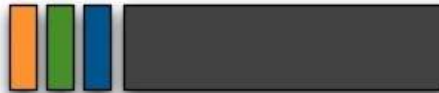
(coming soon) K-12 SCIENCE
(coming soon) K-12 SOCIAL STUDIES
(coming soon) CTAE



Where can I get FALs? From Learning Village



CCGPS



The 2013-2014 CCGPS mathematics frameworks are available.



Where can I get FALs? From Learning Village

Title

CCGPS K-5 Documentation

.



GRADE LEVEL SPECIFIC RESOURCES LINKED BY GRADE LEVEL BELOW:

[KINDERGARTEN](#)

[FIRST GRADE](#)

[SECOND GRADE](#)

[THIRD GRADE](#)

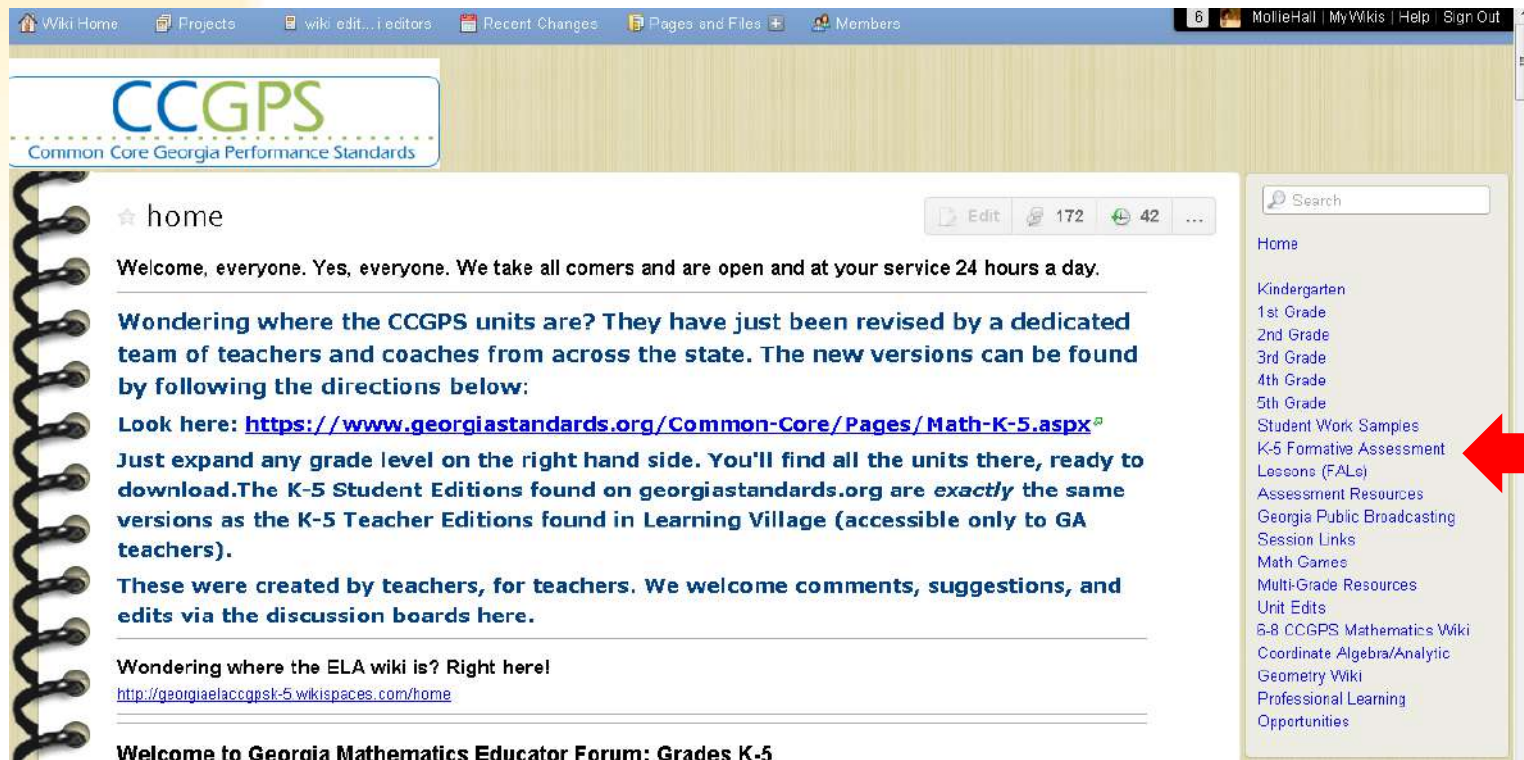
[FOURTH GRADE](#)

[FIFTH GRADE](#)



Where can I get FALs?

<http://ccgpsmathematicsk-5.wikispaces.com/>



Wiki Home Projects wiki edit... i editors Recent Changes Pages and Files Members 6 MollieHall MyWikis Help Sign Out

CCGPS

Common Core Georgia Performance Standards

☆ home Edit 172 42 ...

Welcome, everyone. Yes, everyone. We take all comers and are open and at your service 24 hours a day.

Wondering where the CCGPS units are? They have just been revised by a dedicated team of teachers and coaches from across the state. The new versions can be found by following the directions below:

Look here: <https://www.georgiastandards.org/Common-Core/Pages/Math-K-5.aspx>

Just expand any grade level on the right hand side. You'll find all the units there, ready to download. The K-5 Student Editions found on [georgiastandards.org](http://www.georgiastandards.org) are *exactly* the same versions as the K-5 Teacher Editions found in Learning Village (accessible only to GA teachers).

These were created by teachers, for teachers. We welcome comments, suggestions, and edits via the discussion boards [here](#).

Wondering where the ELA wiki is? Right here!
<http://georgiaelaccgpsk-5.wikispaces.com/home>

Welcome to Georgia Mathematics Educator Forum: Grades K-5

Search

Home

- Kindergarten
- 1st Grade
- 2nd Grade
- 3rd Grade
- 4th Grade
- 5th Grade
- Student Work Samples
- K-5 Formative Assessment
- Lessons (FALs)
- Assessment Resources
- Georgia Public Broadcasting
- Session Links
- Math Games
- Multi-Grade Resources
- Unit Edits
- 6-8 CCGPS Mathematics Wiki
- Coordinate Algebra/Analytic
- Geometry Wiki
- Professional Learning
- Opportunities

Quote from State Frameworks

"The linked Formative Assessment lesson is designed to be part of an instructional unit. This assessment should be implemented approximately two-thirds of the way through this instructional unit and **is noted in the unit task table**. This assessment **can be used at the beginning** of the unit to ascertain student needs. The results of this task should give you pertinent information regarding your students learning and help to drive your instruction for the remainder of the unit."



State Frameworks

Georgia Department of Education
Common Core Georgia Performance Standards Framework
First Grade Mathematics • Unit 2

Unit 2: Developing Base Ten Number Sense

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What FALs are available for my grade level?

Kindergarten

Counting Dots
Decomposing Dots
Snail in the Well
Measurement

1st Grade

Caterpillars and Leaves
Pieces of a Hundreds Chart
Measurement

2nd Grade

Place Value
Caterpillars and Leaves
Measurement
2 digit computation mental math

3rd Grade

Attributes of a Shape
Fractions on a Number Line
Multiplication
Strategies for Subtraction

4th Grade

Arrays, Number Puzzles and
Factors
Multi-digit Multiplication

4th and 5th Grade

Where are the Cookies?
Beads Under the Cloud

5th Grade

Division and Interpreting
Remainders
Decimals

Let's try a Fal!

Arrays, Number Puzzles and Factors is from
Fourth Grade Unit 2 and Fifth Grade Unit 4

What have you learned about
Standards-Based
Assessments
in Mathematics?

Thank you for coming today!!

Assessments

