



CURRICULUM COUNCIL AGENDA

April 15, 2021

Members Present: Angela Heffner, Courtnee Morris, Cathy Collins, Patrick Horstman, Julie Stewart, Fran Mort, Jill Ackerman, John Parent, Matt Quatman, Joel Steinmetz, Kristin Lee, Brian Wischmeyer, Lee Stockhaus, Peter Badertscher, Jeanine Jordan, Laura Warnement *purple not in attendance*

Old Business-

New Business –

Agriculture Program Expansion Plan Options– Courtnee and Joel

Getting students into the program earlier is a CTE goal. Danial would like to get students involved from Ninth Grade year, but no matter the year they enter they can complete all the requirements. Dual Credit option with Biology could be an option to start for sophomore. Concern over the fact that Biology is a tested subject. Looking for Collaboration between Academic and Agriculture program. Danial has done research with ODE about the potential of offering dual credit.

Discussion:

Just one science dual credit? Yes

One period/High School schedule constraints i.e. a freshman joining Agriculture what normal freshman course would “go”? Could be an issue, but Danial has a plan for whenever a student enters the program.

Would non-agriculture student be in the dual credit class section? Could be but counselors would need to be mindful about what non-ag students might benefit from being in that section.

Earlier recruitment of students to CTE programs? Some “feeder” classes exist for other CTE programs. CTE programs are already sharing at some buildings/grade levels in the district.

Would fit with Environmental Science class be better? There are already initiatives in the works that are connected to Environmental Science that would make collaboration better.

Courtnee, Joel and Danial will work on a presentation for the May meeting for creating Dual Credit Agriculture and Environmental science.

Math Facts- Explore Learning REFLEX – Cathy C.

Use link below to investigate the program before the meeting.

<https://www.reflexmath.com/tour>

The math fact programs we were using were discontinued by the company, so we have been investigating other programs to use.

Reflex - for grades 2-6 but can go down to ready First graders or up to 7th-8th grade.

FRAX - for grades 2-5 but can go up and down as students are ready. Program is for working with Fractions.

Time usage? Just for interventions. 3 times a week 10-20 minutes each time.

Both programs are from **explore learning** (same company as Science GIZMO program).

These would become another option for teachers to use during station time.

Documents shared by Cathy C. are attached at the end of the minutes.

Jill moved and Julie seconded a motion to approve both programs for usage for next school year. The motion was approved without dissent.

Textbook adoption ELA for 7-12 to be for StudySync. - [John Parent](#)

No Red INK will not need to be renewed. Online part is excellent.

Teresa moved and Cathy seconded a motion to accept this program for ELA starting for 2021-22 for grades 7-12. Motion was approved without dissent.

Committee Updates

Arts –

LSH Visual Energy Art Show (now -May 3 Allen Co Museum)

LSH Springtime Serenade (Choirs) 4/29 7pm @LSH

LSH Band/Orch 5/4 7pm @LSH

Sr. Concourse 5/5 6:30 @ VMCCC

Liberty Art Show 5/6 6:30 @ Allen Co Museum

Liberty 5/6 Music 5/10 7pm @LSH

North Music 7pm 5/11 @LSH

Liberty 7/8 Music 5/12 7pm @LSH

West Music 7pm 5/13 @LSH

Career Tech –

Interviews for Audio Engineer Instructor are coming soon. Broadcast programming for 2021-22 will be done with collaboration from Audio Engineering, Graphic Arts and Marketing Programs and is being set up for 2021-22. A Greenhouse and "Greenhouse on Wheels" projects are also in the works. Trade Union representatives toured the programs today at Senior High.

ELA –

Practice Profile needs updating. Prioritizing and vertically aligning standards 3-12 needs to be done.

Math –

5-8 textbook adoption has had 3 presentations. Committee is voting. K-4 textbook adoption has had 2 of 5 presentations completed. May 21st. is the next meeting. We may reach a decision at that time. K-4 is working on an intervention flow chart for math standards.

7-8 teacher fidelity conversations are occurring around the use of iReady.

iReady engagement PD will be for ELA and Math teachers the week before school begins.

iReady diagnostic will be used with 9th and 10th graders.

Reading of the third grade math? Angie to organize a discussion with principals on Friday

Science –

K-5 Curriculum adoption this year. NatGeo supplies and materials are plentiful so I would like to move the adoption forward a year and just renew subscriptions for another year as well as other programs needed. 5th grade science materials or supplementals for next year can be purchased with COVID dollars if needed. This would make adoption K-8 for science for next year.

Social Studies –

CTL survey for PD needs for next year is being developed and should be delivered early May. American History Instructional Strategies have been released.

Superior has reached out to us to hold real-world financial literacy at Senior High in Fall 2021.

Special Ed. –

IEP verification just completed for almost all intervention specialists. Weakness around specialized instruction and August 10th PD is being planned to support this weakness. Will continue this process next year: Fall and Spring.

Technology –

BenQ boards for 5-12 buildings have been ordered. K-8 has two more collaboration sessions scheduled and HS has one more.

Motion to adjourn Meeting was made by Patrick and seconded by Brian and was approved at 2:39 P.M. without dissent.

Reflex at Home or On the Go!

Dear Parents/Guardians,

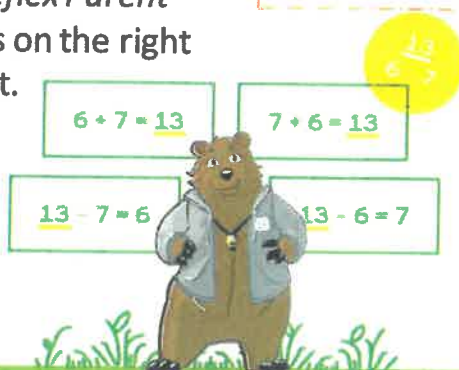
Reflex is an online, game-based program that helps students build fast and effortless recall of math facts. Research has shown that quick recall of math facts is critical for future success in mathematics. Below, please find additional information to help support and monitor your child's progress to math fact fluency with Reflex at home or on the go.

- Students are encouraged to login to **Reflex** math through their student portal at least **3 times a week** and strive for the “**green light**” each time.
- Your child can utilize the **Reflex** math program from any device, including smartphones, with internet access throughout the school year from home or on the go.
- **Reflex** helps students of all ability levels to develop fluency with their basic facts in addition, subtraction, multiplication and division.
- **Reflex** continuously monitors your child's performance to create an optimal experience for them.
- Parents can easily monitor their child's progress by creating a *Free Reflex Parent Account*. Use the instructions on the right to Create your Parent Account.

Create a Free Parent Account

To set up an account, you will need your child's Reflex login information: (teacher's Reflex Username, the name of the Reflex Class, and your child's Reflex Password).

1. Go to reflexmath.com/parent
2. Follow The onscreen instructions to create your free account.
3. Go to www.reflexmath.com/reports
4. Once you are logged, follow the instructions to add your child.
5. Once registered, launch the parent account at www.reflexmath.com/reports to log into your new account. Enter your Username (your email address) and Password and click Submit.



If you have any questions about Reflex, you may contact ExploreLearning technical support at support@explorelarning.com

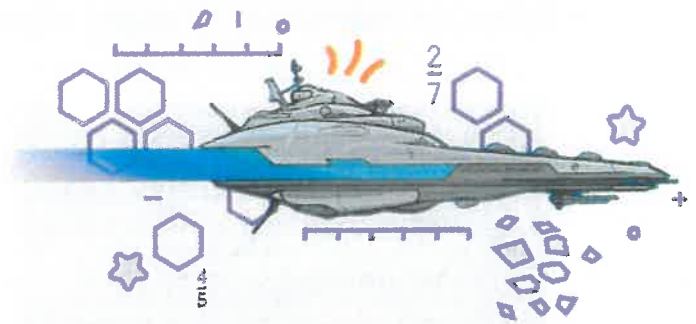


Make fractions *finally* make sense!

ExploreLearning Frax helps all students understand fractions

Introducing ExploreLearning Frax. Adaptive and game-based, it uses the latest research-based instructional methods to create a more effective, more fun way to learn fractions.

Fractions knowledge in grade 5 uniquely predicts student success in Algebra and beyond. Yet assessments consistently show widespread struggles with fractions from grade 3 onward. Fortunately, recent research shows a path to better outcomes.



A better way to learn fractions

Frax treats fractions as numbers first. Research shows that understanding fraction magnitude (size) is the most important building block in learning fractions. Not only is it central to a strong conceptual understanding of fractions, but it also helps students learn fraction arithmetic better.

Frax develops this through extensive use of length models and number lines that help broaden students' number sense to include fractions and allow them to compare, order, and estimate fractions. With this grounding, students can move beyond memorized procedures and tricks and come to make sense of the fractions algorithms they use.

Frax stops the fraction struggle for grades 3-5

Game-based and story-driven, the adaptive system meets students where they are and unlocks new games, challenges and rewards for their efforts.

- **Adaptive and individualized.** Every student can succeed in fractions.
- **Game-based.** Fun challenges and frequent rewards keep students coming back.
- **Research-based.** Based on the latest research on effective fractions instruction.
- **Standards-aligned.** Covers state standards and assessments for fractions in grades 3-5.
- **Real-time data.** Real-time monitoring immediately identifies when students need help.

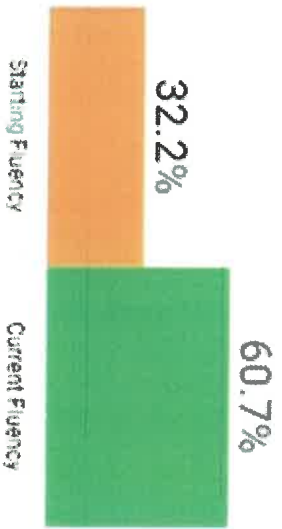
How big a problem is fractions?

Algebra is a demonstrable gateway to later achievement in school and the workforce. Yet, a National Math Panel survey of 1,000 Algebra 1 teachers found most rated students' knowledge of fractions as "poor" and rated fractions as the second greatest barrier to students mastering algebra (second only to word problems).

Grade ▼	Active Students	Average Usage	Green Light	Average Fluency Gain	Total Fluency Gain	Total Facts Solved
Grade 6	18	5.61 days	44.4%	7.00 facts	126 facts	1.1.1k facts
Grade 5	12	3.42 days	40.3%	4.58 facts	55 facts	4.347 facts
Grade 4	80	50.9 days	53.6%	39.7 facts	3,177 facts	438k facts
Grade 3	17	42.2 days	33.6%	118 facts	2,002 facts	68.0k facts
Grade 2	90	51.4 days	41.7%	87.0 facts	8,443 facts	489k facts
Grade 1	79	40.2 days	37.8%	61.2 facts	4,898 facts	309k facts
All Students	296	43.2 days	43.5%	61.5 facts	18.7k facts	1.32m facts

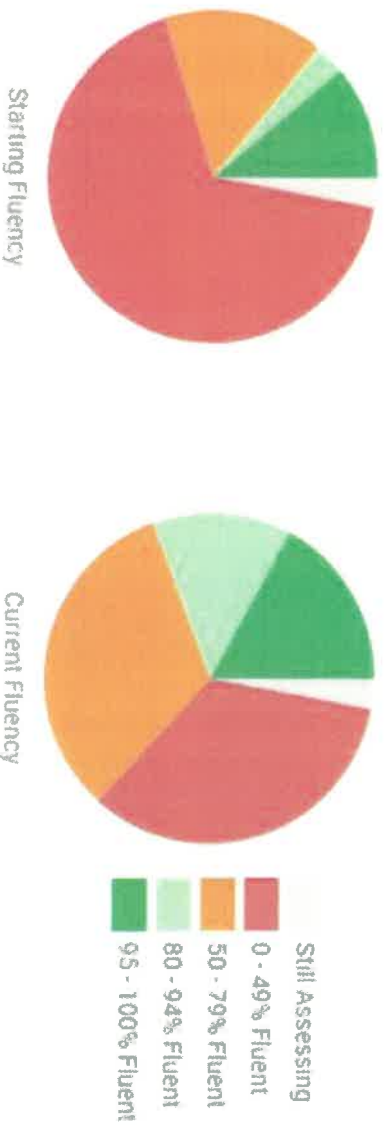
Group Fluency Average

4/2



Group Fluency Distribution

4/2



Group Fluency Histogram

4/2

