

- Correspondence: None

FHS Student Representatives: Alanna Lynch advised the Committee that there will be an assembly on February 29, 2016 at the High School where Chris Herron, a former Celtics player will be speaking about his story about drug abuse and then Mr. Herron will also speak in the evening for the parents. Alanna also advised that the Boy's Basketball Team are the Hockomock Champs with their win over North Attleboro.

Julie Harrington advised the Committee that it is an important day to be a senior as it is 100 days until June 3rd, graduation day.

Julie also advised the Committee that April 8 and 9th, Beauty and the Beast will be happening and both Julie and Alanna will be in it.

Also, Julie advised that the Student Government is hosting new elections so she will not be coming to the meetings much longer.

Julie also informed the Committee that they will be hosting a Spring event either a bonfire or a movie on the turf. More information to come.

Ms. Scofield inquired as to a bonfire on the turf?

Julie advised that no, they are trying to do a bonfire at Beaver Pond. They are working with the Fire Department to acquire a permit to do that. Either in the spring or next fall.

2. Guests/Presentations:

- a. All State Music Festival Students - Dr. O'Malley & Mrs. Douglas

Dr. Sabolinski invited Mrs. Schoen to talk about the process to get chosen to participate in the All State Music Festival.

Mrs. Schoen advised the Committee that everyone is very proud to honor these 7 students. She noted that it is a difficult process to be chosen to participate in the All State Music Festival. The students need to go through several different rounds. The first round is the auditioning for the Central District Senior Festival which happens in November. There are over 1200 students that are accepted. We had 22 students from FHS who attended that Festival. If they do well enough at the Central District Festival they are invited to audition for All State. It is really hard as the pieces become more difficult and the competition becomes more difficult. They go in January

on a Saturday and perform their piece in front of a judge. They have to perform scales, sight reading of a piece of music they have never seen before. This year we had 14 of the 22 students get recommended for this process, 13 of the 14 chose to take on the challenge and 7 students were accepted. These students will do an outstanding job representing Franklin.

Dr. O'Malley and Ms. Douglas handed plaques to the 7 students as follows:

Ian Carle, Katelyn Davenport, Abigail Gibson, Domenic Narducci, Chris Chen, Matt Dao and Cameron Cawley.

Recess (2 minutes)

b. Davis Thayer Elementary Update

Ms. Evemarie McNeil, Principal, Ms. Stefani Wasik, Assistant Principal, Mrs. Jennifer Violet, Math Specialist, Ms. Sarah Lewis, Elementary Teacher and Ms. Liz Phillips, Kindergarten Teacher at Davis Thayer Elementary School were present to provide an update of the Math program at Davis Thayer.

Ms. McNeil advised the Committee that they were there to present the impact of having a full time Math Specialist at their school. She is especially grateful to the Committee for supporting full time math specialists at all the elementary schools.

Ms. Violet gave a snapshot of the math specialist's role, starting at the district level and all the way down to the individual student impact. (see powerpoint attached)

Ms. Wasik advised the Committee that each fall Davis Thayer assisted by the 5th grade Bobcat Buddies participate in an annual whole school food drive where they collect food and donate it to the Franklin Food Pantry and this year with the full time math specialist they were able to enhance this community service experience by connecting it to the curriculum at each grade level. Ms. Violet explained all the hands on math activities that were held at all grade levels.

Ms. McNeil advised the committee of the long standing tradition where math mornings are held at every grade level. Six times out of the year these math mornings are held. Ms. Violet has enhanced these meeting by spending the first 15 minutes of the meeting with just the parents educating them on how they can support math learning at home.

Zachary Baker shared with the Committee what he likes about math mornings. Zack thinks it is a great tradition. It gives kids a chance to show families what's going on, playing games helps kids focus better. It is much more fun and better for me.

Ms. Violet explained that when she speaks with the parents, she helps connect math at home in fun ways.

Ms. McNeil advised that there will be a math morning on Friday, February 26th and invited all school committee members to come and join us.

Ms. Violet asked a student, Sean to come up and talk about the Problem of the Week bin.

Sean Kapples shared with the Committee of what the Problem of the Week is. There is a bin and it sorted in k-5 to do a problem of the week. It is for people in our school that want to be challenged with it and have fun with it. Sean shared a problem of the week. He thinks it is a great idea.

Ms. Violet advised Committee that once the problem of the week is done, she encourages them to put them in a done folder, she then take them home and grade them, give students feedback, and to keep trying and persevere and if they give their best effort, she gives them a scoop which we incorporate with our core values at Davis Thayer for challenging themselves.

Ms. Wasik advised the Committee that time spent with the Math Specialist during common planning time is very important to professional development.

Ms. Phillips advised the Committee that because there is a full time math specialist, we are able to collaborate with her more frequently and it has been very beneficial.

Ms. Violet advised the Committee that she also supports individual classrooms, she will sometimes co-teach, helps with planning time.

Ms. Lewis advised the Committee of how Ms. Violet has supported her classroom this year. Ms. Lewis feels she has benefited from the model lessons as well as co-teaching.

Ms. Violet also advised that she meets with students in small groups and one on one. Ms. Violet also runs intervention groups.

Jossalyn shared with the Committee that she likes that Ms. Violet works on projects outside of math class, she finds it interesting, gives me a chance to really learn. One of Jossalyn's favorite projects that Ms. Violet did was about authors and the amount of money they get when they sell a book. She likes books so it was very interesting to her.

Ms. McNeil wanted to express sincere thank you for the support of district leadership and school committee in allowing us to have full time math specialists this year. Hopefully it has reassured the Committee that it was an excellent decision.

Ms. Bilello thought it was a fabulous presentation. How do you utilize your role to help and also bridge misunderstandings or clear understandings with parents or families on how to support that 'new' math, there is a fear around it.

Ms. Violet feels that by doing math mornings to show people that math doesn't have to be scary, that we do not have to dissect the standards. You can do math with your kids in a non threatening way. You can expose them to different things in a fun way.

Dr. O'Malley loves the way you tied math to a community project. It is a fabulous connection. Hope it will stick

Dr. O'Malley inquired as to coordination, do you speak to other math specialists?

Ms. Violet informed the Committee that there are 6 math specialists in the elementary level. We meet every Tuesday from 12-3. This is where the benchmarks are created together and we brainstorm ideas, we update each other of what is going on in our buildings. We plan professional development together as well, it is a wonderful network.

Ms. Douglas noted that she has attended many morning maths over the years and commented that the adult attendance is great, almost every child is represented. It's beautiful.

Ms. Violet agreed that it is a wonderful tradition as well as the food drive. This is Ms. Violet's first year at DT and she asked if she could walk with the 5 th graders to the food pantry. It was a great experience.

Dr. Jewell gave an example of two things. He gets a lot of complaints because there is no more memorization of the math tables, etc. Parents don't understand, they went through that and they don't understand why their kids don't. An example is that he had a granddaughter who went shopping at marshalls', she was given \$100 to spend, she had about 30 items chosen and she had to pick so that she could get what she needed under \$100. This comes from the type of teaching that you are giving the kids. She had no help and didn't need any help, it is a great example of a living experience now with the new way you are looking at the world.

Dr. Bergen thanked everyone for this and she thinks is is great for the public to see how rich and deep the math program is and how differentiated it is to meet the needs of the highest and lowest

students. Dr. Bergen would like to follow up on the math fluency of when the students would learn their math facts. Is there still a place for that?

Ms. Violet advised that they still work with the students to have that fluency although it is done in different ways.

Dr. O'Malley commented that this time of year we are doing budget and certain things are questioned. This is an example of where we are going with math. Wonderful presentation.

Dr. Jewell commented that in speaking with students in this age group, algebra will be much easier to solve for x , they are doing it now and not realizing it. Hope parents recognize that, although they are not learning algebra in the low grades, they really are.

Mr. Violet advised that they start solving for the unknown with a question mark as early as first grade and the variables in 3rd grade.

3. Discussion Only Items

a. Policy - First Reading

1. IGB - Student Services Program

Ms. Scofield noted that the update of the policy, instead of Pupil Personnel it is Student Support. This whole section hadn't been reviewed in several years. Ms. Edwards also joined us the other night. You will see more updates.

Ms. Billelo, is this the time to ask for clarification from Central Office? My point of clarification is not around the title, it is more particularly about the second part of what we are looking to add. Ms. Billelo was asking about the curriculum supervision.

Ms. Winslow advised that what you have in front of you is the current police which is called Pupil Personnel Support Services Program. We have moved away from pupil personnel in the most recent iteration of the organizational chart. It is the Student Services program. Ms. Dixon who was here a couple of weeks ago is the Director of Student Services. We had outdated language in the policy, removed references to pupil personnel, in this policy in the past was under PPS curriculum supervision and coordination was there, it is not any longer. It is under the auspices of Ms. Edwards and the Office for Teaching & Learning, so we removed that particular paragraph as it doesn't belong there. We updated language, you will see homebound and hospital teaching, that is outdated language, it is really home hospital instruction, we updated the language to reflect what we are actually doing here in the district.

Ms. Billelo clarified that curriculum supervision now falls under Teaching & Learning.

Dr. Sabolinski provided an update to the Committee from Brad Sidwell, Athletic Director, 4 students from the Wrestling Team qualified for the All State Meet, the girls 4 x 800 finished 3rd in the State and will be competing at the New England State Meet and have qualified for the New Balance Meet in New York City, that will be coming to you for out of state approval.

On the girls swim team, Ashley Loomis, repeated her performance of winning 2 state titles last year. Congratulations!

Girls basketball has qualified for the tournament as well as the Boys Basketball team winning the Hockomock and will move on to the tournament.

Girls Ice hockey has qualified for the tournament. In thinking back we are probably in year 8 of the program and how the girls ice hockey program has grown tremendously. It is really gratifying, when the School Committee first approved funding for this program we had concern that we wouldn't have a feeder program. Through the work of the coaches at the High School, there is a very strong feeder program and ref program. The Girls Ice Hockey program is really flourishing and we are really proud of that. Boys Ice hockey will be in the tournament as well. We will keep the Committee updated and will invite some of our athletes in at end of season.

Dr. Sabolinski advised the Committee that she was stopped by Jason Chetlen, the advisor to the Computer Club which is brand new this year. They entered a video competition where they had 24 hours to design a video and the High School team won. We will be inviting the students in to show what they have done as it is pretty amazing that it is the first year of the club.

Dr. Sabolinski advised that our math team came in first place this year. In division II we have not done as well, so kudos to them and we will invite some of the math team to come and share their experiences with you.

Dr. Sabolinski would like to acknowledge that a few months back, some classes were invited to write letters to veterans from the Honor Flight Group. The Kennedy School through the leadership of Ms. Toye and Ms. Bodkins, the Annie Sullivan Middle School through the leadership of Ms. Wittcoff and Ms. Morrison and John Leighton's classes all wrote letters and Denise Miller from the Superintendent's Office coordinated it and put together envelopes to service men. They are going to be delivered by other veterans and taken overseas. Dr. Sabolinski thinks it is a really nice community service project and wanted to thank those schools for pitching in and making a difference to our veterans.

Dr. Sabolinski gave an update on the High School with regard to the water leak at the High School. She advised that she and Ms. Goodman attended a meeting today with a lot of engineers, heating specialists, etc. They have two (2) weeks to remediate the heating situation in

Principal Light's office and the main office, restoration is underway. Kudos to facilities, Tuesday morning they were there bright and early and by noon had all the water dried up and gone. Principal's office is down to studs. Dr. Sabolinski advised that the good news is that it won't cost taxpayers anything. We should have a firm plan in two (2) weeks.

Dr. Bergen commented that it was not just facilities there cleaning, Superintendent and Sue Borchard were also there cleaning.

Dr. O'Malley commented while sitting here listening to our meeting, it is amazing what happens in our schools, in one meeting we saw state level musicians, we have a math program which is a success, a computer club that just starts and is already winning competition, our sports, letters to service men, this is a pretty special school system and I mention that when budgets are not easy to come by. This school system in terms of what our teachers and administrators delivers for the money we get, is amazing and has to be much appreciated by this community.

School Committee - Sub-Committee Reports

Ms. Scofield advised that they will pick up where we left off in Policy on Wednesday, March 9th, at 7:30 p.m. and Joyce will join us again.

Ms. Scofield advised that the Calendar Committee meeting date has been set and it will be held on Wednesday, March 16 2016 at 7:00 p.m. in the training room

Dr. O'Malley advises that the budget sub-committee remains active, State is still in deliberation, no final figures.

- School Committee - Liaison Reports

Dr. O'Malley inquired as to whether we have Liaison reports?

Dr. Sabolinski advised that we have liaisons for the PCC and SWAC. We haven't had a meeting.

6. New Business: None

Dr. Bergen asked a question regarding parking on election day, so senior citizens do not need to walk.

Dr. Sabolinski advised that Principal Light works with the Town Clerk and they set aside about 30 parking spaces in the front. They displace students.

Ms. Scofield inquired as to when they would see a version of the budget.

Dr. Sabolinski advised that they have moved back the budget hearing to March 22nd, so you will get the budget books on March 18th. You will get the budget binder electronically as well as a hard binder. It will have the school budgets and the district budget.

7. Adjourn: Ms. Douglas made a motion to adjourn,

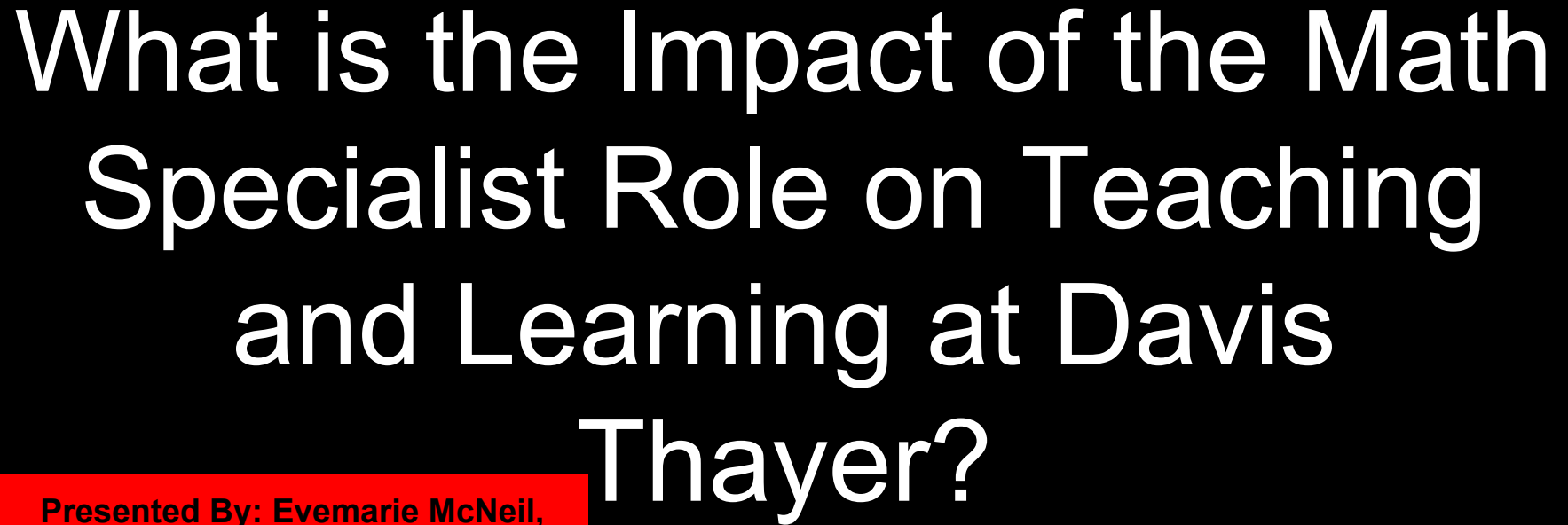
7:58 p.m.

Adjourn:

Respectfully Submitted,

Susan Childers

SCAgenda 2-23-16.pdf
Payroll Warrant #1615M summary.pdf
Payroll Warrant #1615M.pdf
Payroll Warrant #1616 summary.pdf
Payroll Warrant #1616.pdf
FPS Summary & Sign Off.pdf
SCWarrant020416.pdf
SCWarrant021116.pdf
February 9, 2016 SCMinutes-DRAFT
DT Math School Committee Presentation
IGB - Student Services Programs 2-18-16
OLD IGB - Pupil Personnel Support Services Programs
ActionA.pdf
ActionB.pdf
ActionC.pdf
ActionD.pdf
PledgeStudent

A classroom setting with several wooden desks and blue chairs. The walls are decorated with various educational posters and charts. A large black text box is overlaid on the center of the image.

What is the Impact of the Math Specialist Role on Teaching and Learning at Davis Thayer?

**Presented By: Evemarie McNeil,
Stefani Wasik and Jennifer Violet**

District Work

- Benchmark Assessments
- Professional Development



Name: _____ Date: _____

Franklin Public Schools Math Assessment Grade 3 Benchmark 1

(3.NBT.1)

1. Round each number to the nearest **10** 2. Round each number to the nearest **100**

a. 56 _____

b. 352 _____

b. 272 _____

c. 1,731 _____

(3.NBT.1)

3. Circle **all** the numbers that round to 500 when rounding to the nearest **hundred**.

468

442

520

592

(3.NBT.1)

4. The weight of a giant pumpkin was 1,700 pounds when rounded to the nearest hundred. Circle **all** of the weights below that could round to 1,700 when rounding to the nearest **hundred**.

A. 1,640 pounds

B. 1,654 pounds

C. 1,649 pounds

D. 1,745 pounds

E. 1,751 pounds

High Quality Math Tasks To Increase Perseverance & Problem Solving

January 15, 2016

Complete
the math
task on
your
table



Whole School Food Drive Math



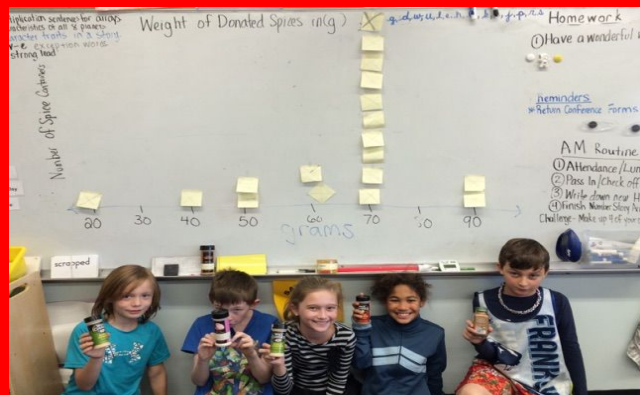
Kindergarten- Created a graph using boxed potatoes



Grade 1- Sorted and tallied bread types



Grade 2- Organized donated desserts and represented results in charts and graphs



Grade 3- Created a line plot using the sizes of spice containers



Grade 4- Used grocery ads to plan a meal



Grade 5- Calculated costs and serving sizes in a bag of donated groceries

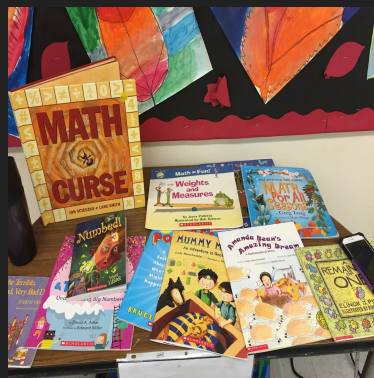
Grade 5 Family Math Morning



Parents and students explore comparing decimals with blocks



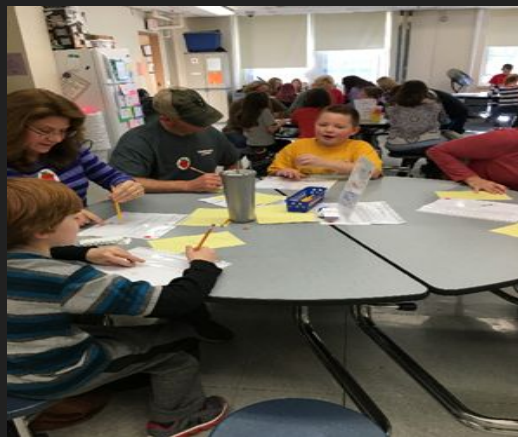
Students and parents play a multiplication game



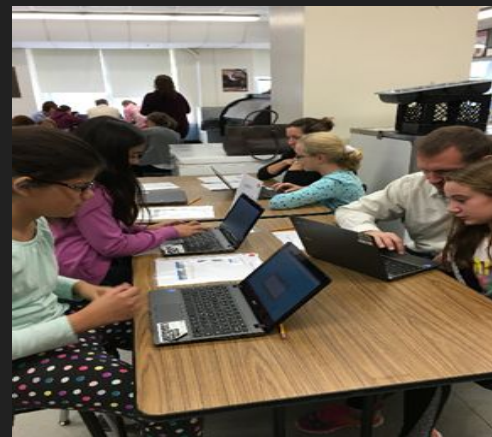
Examples of Math Literature on display



"Bedtime Math" App: Smartphone app that gives a nightly math problem



Math Morning participants use spinners to add and subtract decimals



Fifth graders use Chromebooks during Math Morning



Parents and students create triangles to compare the value of digits

Grade 4 Family Math Morning



Math morning participants play a friendly game of "Multiplication Baseball"



Students show adults how to round with the game "Roll It"



Strategy, Reasoning, and Spatial Perception

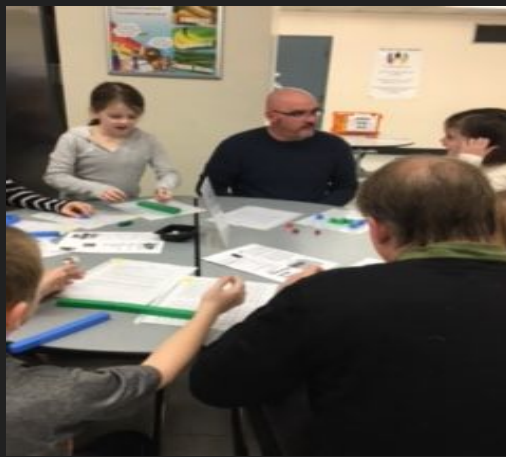
- Mastermind (8+)
- Monopoly, Junior (8+)
- Mousetrap (6+)
- Apples to Apples, Junior (9+)
- The Game of Life (9+)
- Yahtzee (9+)
- Battleship (7+)
- Connect Four (7+)
- Othello (8+)

Parents were given a list of fun board games that incorporate math skills in a fun way

Grade 3 Family Math Morning



Third graders explore place value



Parents and students roll dice and round numbers



Students show parents how to use Chromebooks to solve word problems



Math Morning participants practice multiplication

Math Websites

> Math Playground

Free collection of online math games for grades K-6 organized by grade and common core standards. Check out the "Thinking Block" section, it is great practice for word problems.

<http://www.mathplayground.com>

> Abcya

Free collection of online math games for grades K- 5 organized by grade and math topics.

<http://www.abcya.com>

> Sheppard Software

Free collection of online math games for grades K- 8 organized by math topics.

<http://www.sheppardsoftware.com/math.htm>

Helpful websites that are easy for students to navigate and use

Problem of the Week

K-5

Exemplars

Post Office Display

See notes for suggestions. Keep trying!

Last week I brought the stamps my class made down to the post office to hang up. Keron, the postmaster, said she had other things to display and wanted to know how much space was needed to hang up all the stamps.

If the stamps are 8.5" x 11" and there are 17 of them, what would you tell her? How did you come to this solution?

$$\begin{array}{r} 8.5 \\ \times 11.0 \\ \hline 85.0 \\ 850.0 \\ \hline 935.0 \end{array}$$

$$\begin{array}{r} 935 \\ \times 17.0 \\ \hline 65450 \\ 93500 \\ \hline 158950 \end{array}$$

This strategy gives Keron the area of the display, which may not be helpful.

Suggestion:
Try to draw the display. How would you arrange 17 stamps in a display?

Probably not ~~arrange~~
Maybe you would put space between them. How would that affect the space you need?

I got my answer by doing 8.5×11.0 and got 93.50. I did this because I had to find what one stamp is that I did 93.5×17.0 because there are 17 stamps. I got 1589.50. I did this



2016 Math Challenge

Write an equation for each of the numbers 0-20 using only the digits 2, 0, 1, and 6.

You cannot use any other numbers and you must use each digit exactly once in each equation.

You can use +, -, x, and ÷.

You can group the digits to create 2-digit and 3-digit numbers if you would like to.

Use the table below to keep track of your equations.

Correct example: $20 = 2 \cdot 0 + 1 + 6$ (you used the digit 2 twice)

Great Try!

0 =	2 + 0 + 1 + 6	incorrect
1 =	2 + 0 + 1 + 6	incorrect
2 =	2 + 0 + 1 + 6	incorrect
3 =	2 + 0 + 1 + 6	incorrect
4 =	2 + 0 + 1 + 6	incorrect
5 =	2 + 0 + 1 + 6	incorrect
6 =	2 + 0 + 1 + 6	incorrect
7 =	2 + 0 + 1 + 6	incorrect
8 =	2 + 0 + 1 + 6	incorrect
9 =	2 + 0 + 1 + 6	incorrect
10 =	2 + 0 + 1 + 6	incorrect
11 =	2 + 0 + 1 + 6	incorrect
12 =	2 + 0 + 1 + 6	incorrect
13 =	2 + 0 + 1 + 6	incorrect
14 =	2 + 0 + 1 + 6	incorrect
15 =	2 + 0 + 1 + 6	incorrect
16 =	2 + 0 + 1 + 6	incorrect
17 =	2 + 0 + 1 + 6	incorrect
18 =	2 + 0 + 1 + 6	incorrect
19 =	2 + 0 + 1 + 6	incorrect
20 =	2 + 0 + 1 + 6	incorrect

Here is an example of a 5th grader's work. The questions asks the student to find the space needed to hang a display. The Post-it Note to the left provided feedback to help the student fix errors.

This 2nd grader decided to complete the New Year's Challenge. He tried to create 20 equations using only the numbers 2, 0, 1 and 6. The highlighted areas include feedback about the student's work.

Grade Level Work CPT, PLC, PD



Our kindergarten team hard at work with Ms. Violet! The team analyzed the kindergarten mid-year math screener in relation to the report card to fully understand the learning expectations for math and assessment of student growth and progress.



Our third grade team is busy discussing different types of math questions on PARCC. They are analyzing specific types of questions and discussing strategies to ensure all students' success.

Individual Class Support

- Classroom Demonstrations
- Co-Teaching
- WIN Planning
- EA Training



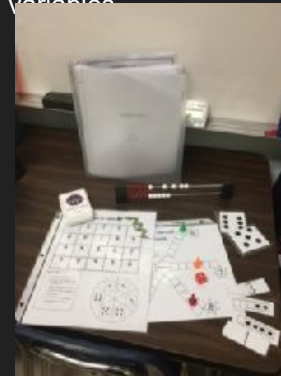
Above, Ms. Violet co-teaches with second grade teacher, Ms. Auld. Together they work with students to create number lines counting by fives.



In the second part of this lesson, students turn the number lines into clocks, reinforcing the concept of counting by fives to tell time.



In this picture, Ms. Violet is leading a small group demonstration in a third grade classroom. Students are learning about balancing an equation and variables.



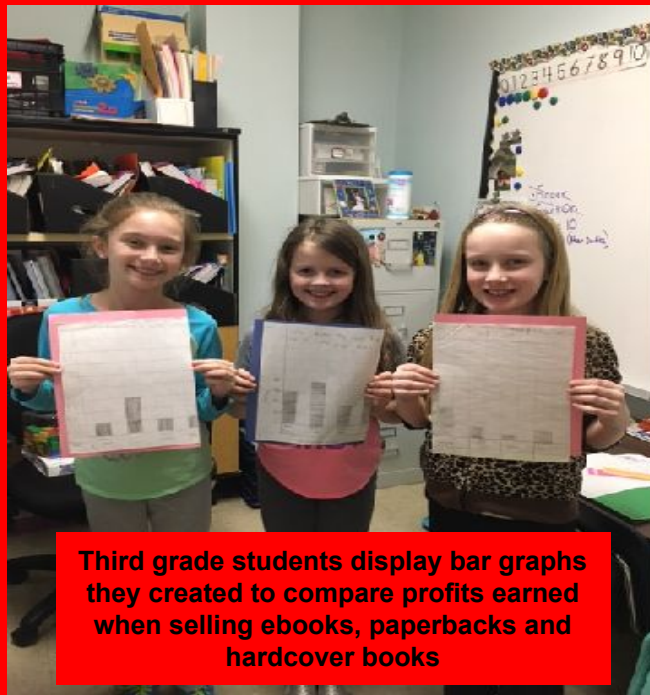
To the left is a picture of the EA "Tool Kit" from the K-3 EA training.

Student Support

- Enrichment projects
- Assessment
- Intervention groups



Fourth graders design a scaled football field to display an NFL project



Third grade students display bar graphs they created to compare profits earned when selling ebooks, paperbacks and hardcover books



Fifth grade students create pie charts and advertising posters after completing a book sales project

THANK YOU!

