



The greatest sign of success for a teacher...is to be able to say, "The children are now working as if I did not exist."

— *Maria Montessori* —

AZ QUOTES



Less is More: Running an Efficient Classroom

October 4 & 18, 2023

Alex Babbist & Sam Peckham

Welcome!

Please introduce yourself

- ▶ virtually in the chat with your name, pronouns (if you like) program and role
- ▶ in person, turn to the person beside you and introduce yourself
- ▶ grab a fidget or coloring sheet if you like
- ▶ Virtually, [join the jamboard](#)



Agenda:

1. Introductions and K/W/L
 2. What is the prepared environment?
 3. What does the prepared environment look like in the adult education setting in person? Virtually?
- 5 minute break at 3PM
4. Routines for learner independence & class prep
 5. Wrap up/homework



Decolonizing Montessori

The "Prepared Environment", techniques for fostering independence, ways to simplifying classroom routines & lesson planning

Know

- Classroom routines give comfort

- choice - strategy for how your assessing - you can write or draw or role play

- choice in activities

- arrangement of space -

The "Prepared Environment", techniques for fostering independence, ways to simplifying classroom routines & lesson planning

Want to know

- How would the space be different for adults

How to simplify lesson planning

With physical and remote classroom - how to manage the physical devices in the classroom

- how to do things without overwhelming yourself

The "Prepared Environment", techniques for fostering independence, ways to simplifying classroom routines & lesson planning

Learned

The Prepared

Environment





*Prepared
Environment*

The prepared environment...

is realistic.

is child friendly or, in our classes, adult friendly.

promotes independence.

The environment is the “other teacher”.

6 principles of the prepared environment

freedom

structure and order

nature and reality

beauty

social environment

intellectual environment

The prepared environment...
is calm.

“the environment must give the child every facility for concentration and choice . . . so that after a time the environment will no longer impress the child as something new” -Maria Montessori

“Great attention is given on a holistic level to promote building concentration and as an expression of order. This includes the aesthetics of the environment such as: light or neutral wall color; comfortable lighting; low noise level; and simple, yet beautiful, artwork.” How the Montessori Prepared Environment Builds Executive Function



What does this look like in the adult education setting?

In person, circulate to tray examples.

Virtual, explore these sites that provide self paced and independent work:

[IXL | Math, Language Arts, Science, Social Studies, and Spanish](#)

[abc English - Home](#)

[USA Learns Homepage](#)

[ReadWriteThink Interactives](#) - general list

[ReadWriteThink Interactive](#) - essay map

[Adult Education Products - KET Education](#)

And share in the chat other useful resources you know of!

Choice in the prepared environment.

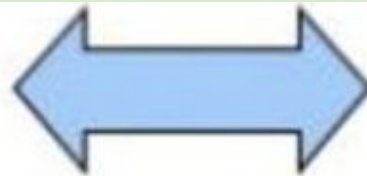


lofi hip hop radio 🎧 - beats to relax/study to

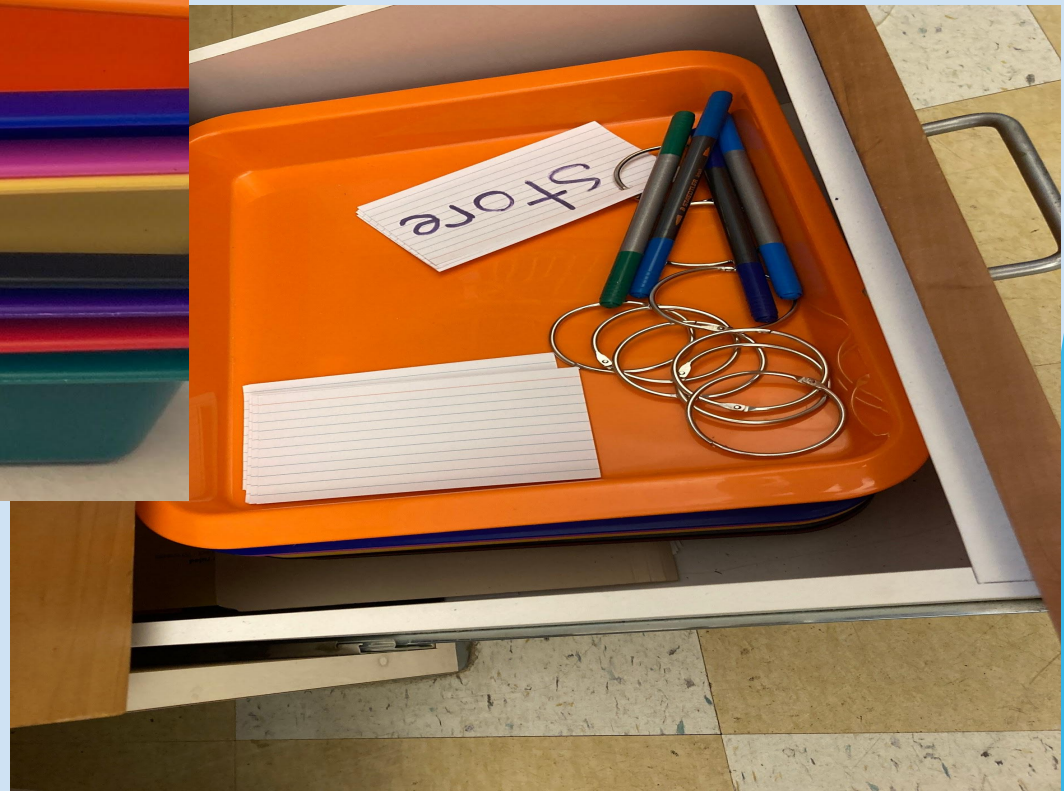
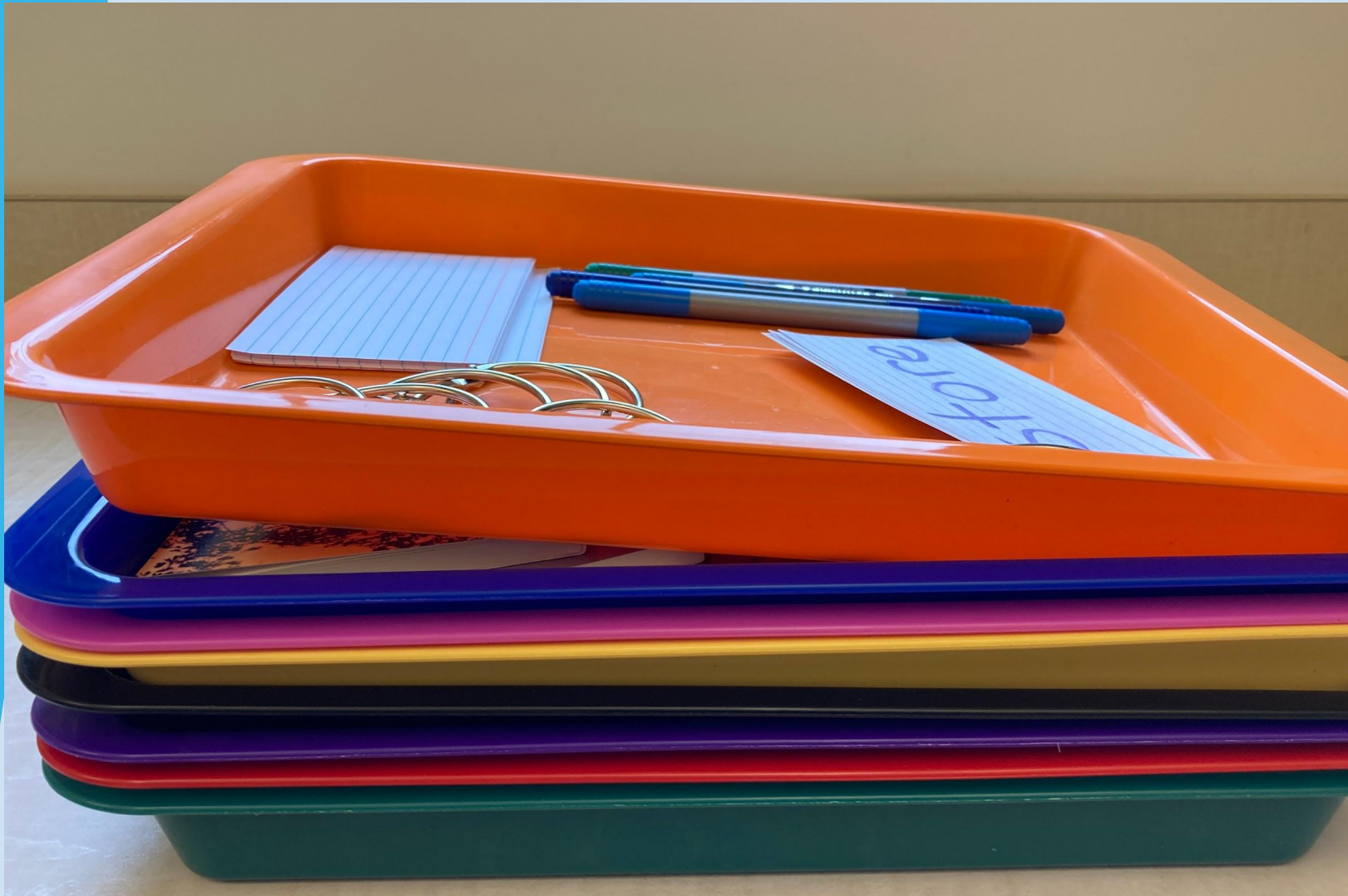
YouTube · Lofi Girl · Jul 12, 2022



TEAMWORK



INDIVIDUAL

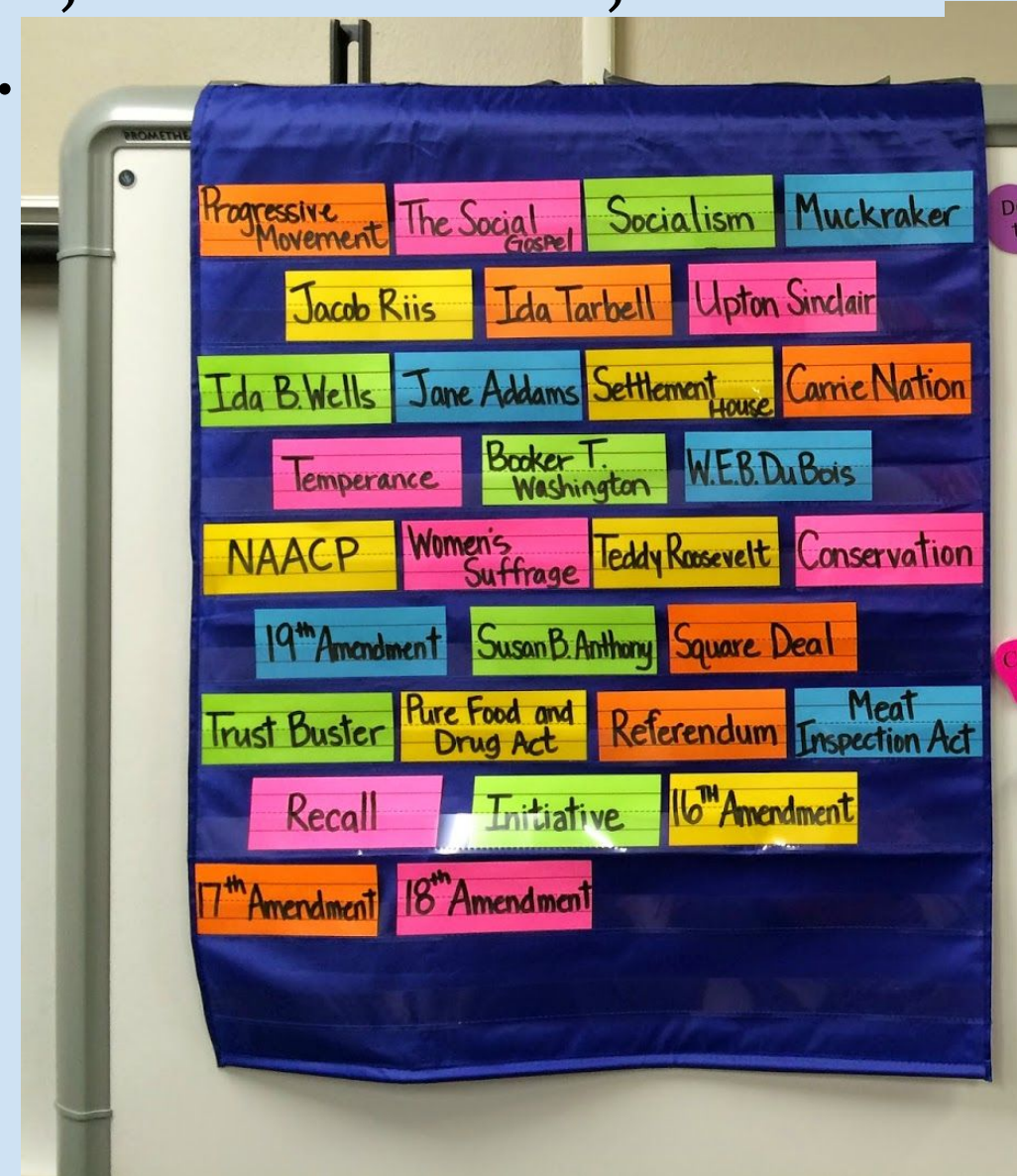
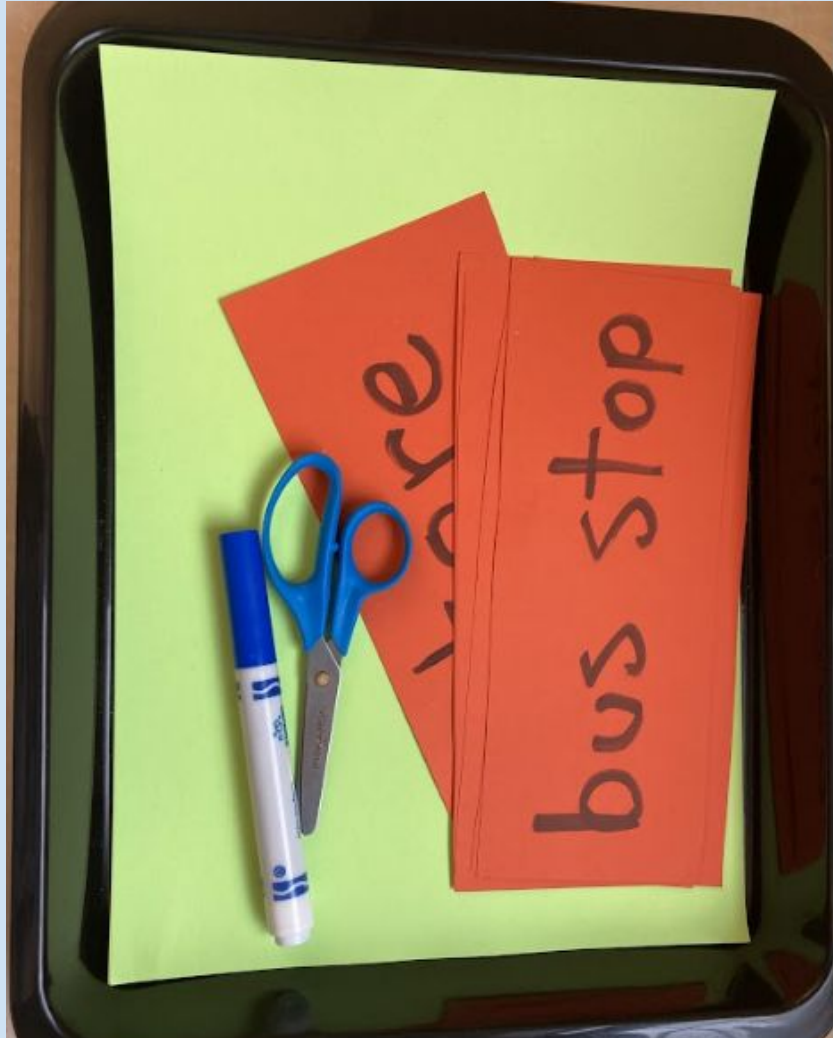


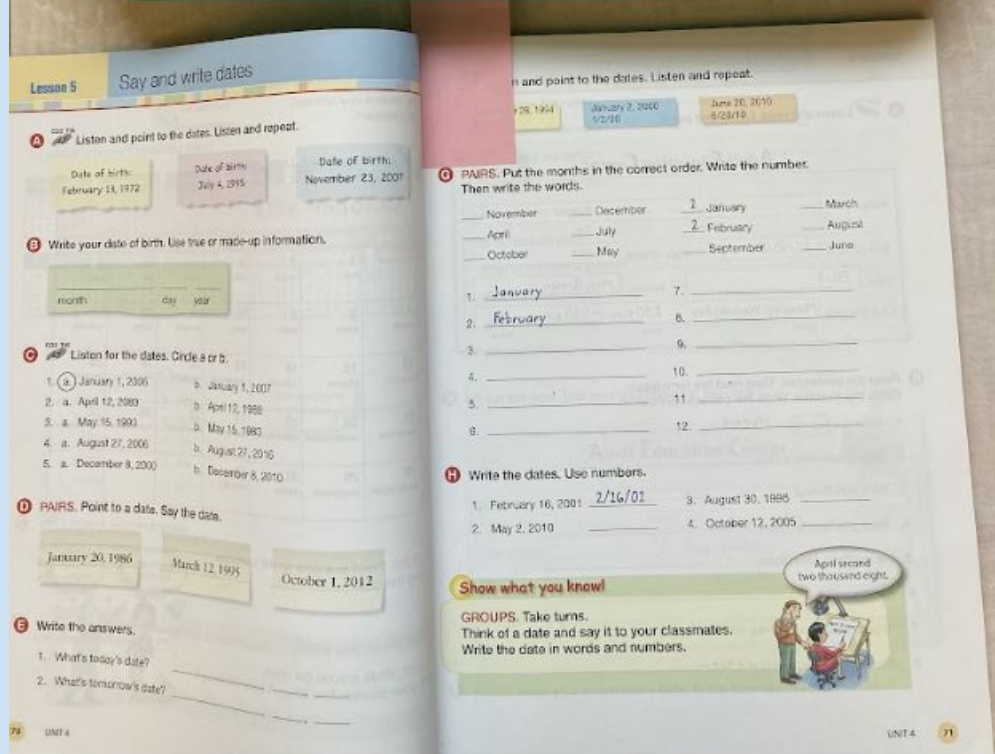
The tray has everything needed for the activity. Students can grab the tray and get to work when they are ready.



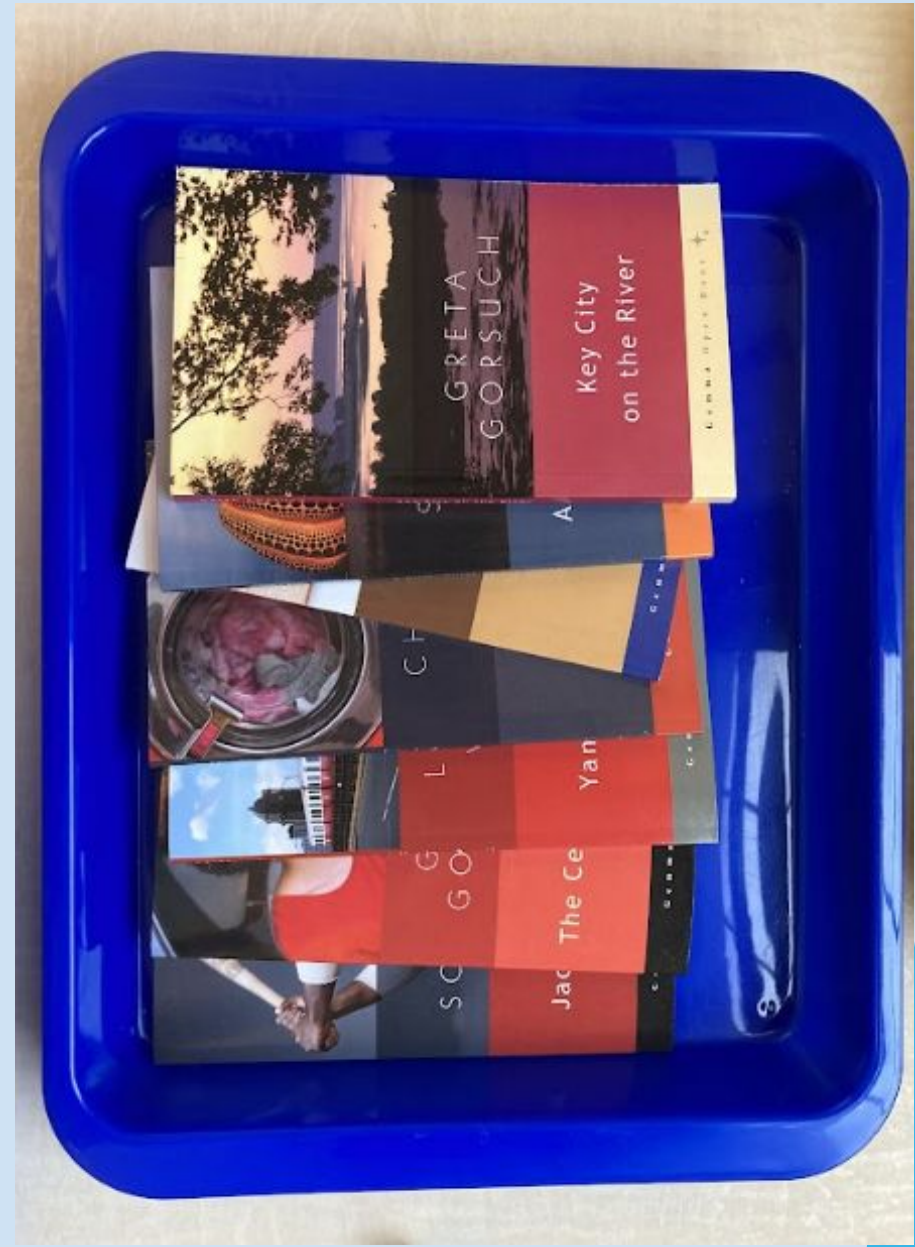


A tray can also help keep everything the teacher needs for a particular activity in one contained place, like cardstock, markers and vocabulary for a word wall.





Choice: start with few choices (2!) with familiar activities (I do, we do, you do)





Math Classroom

Post-it SUPERSTICKY EASELPAD
TABLEAU À FEUILLES MOBILES SUPERCOLLANTES
SUPERADHESIVO BLOC DE HOJAS REPOSICIONABLES

30 25 IN/PO x 30 IN/PO
63,5 cm x 76,2 cm
5,2 SQ.FT./PP² (0,48 m²) 3M

Weekly Assignments

- #1) multiplication + division
(word problems are extra credit)
- #2) Order of Operations/PEMDAS
- #3) Decimals (intro, comparing, ...)

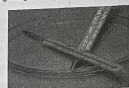
LIFETIME

Introduction to Decimals

Knowledge of decimals is useful to adults in making decisions about issues that relate to their families, communities, and workplaces.

Decimals are used every day in health care professions, banking, retail operations and many more fields.

Understanding the meaning of decimals provides a strong foundation for measurement conversions, the metric system, medication dosages, creating budgets, and so much more.




Place value chart

Billions	Thousands	Hundreds	Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths	Ten Thousandths	Hundred Thousandths
10,000	1,000	100	10	1	.	.1	.01	.001	.0001	.00001

Any number to the left of the decimal point is always a whole number (like paper money). And any number to the right of the decimal point is a decimal number (like coins).

Comparison Decimals




Women's Short-Track Speedskating 1,000-Meter Results
2014 Olympics

Rank	Country	Name	Time	Medal
1	Korea	Saeng Hee Park	1:30.761	Gold
2	China	Haidi Fan	1:30.815	Silver
3	Korea	Suk Hye Shim	1:31.027	Bronze
4	USA	Jessica Smith	1:31.921	No Medal

As you can see above, decimals are used to compare times. In the 2014 Olympics, Saeng Hee Park finished the race in 1 minute and 30.761 seconds. Jessica Smith finished in 1 minute and 31.921 seconds. So Smith finished less than a second later than Hee Park, but earned no medal. He Park earned the gold and a lot of glory. A small decimal difference made a big difference in their lives.

Comparing decimals is a valuable tool in health care occupations because many different pieces of equipment and dosages are used that may be in metric measurements. Decimals are part of the metric system, so understanding them is necessary to determine which instrument, dosage or other measurement is larger or smaller.

If you go to the library, books are sorted by the Dewey Decimal System (see picture below) so if you know how to compare decimals, it will be easier to find books.



Addition of Decimals:

To add decimals, first line up the decimals like buttons on a shirt. Then add. This might mean that a problem presented in a horizontal pattern may need to be rewritten in a vertical pattern.

It does not matter which number you write first for addition of decimals. The answer remains the same.

A whole number always has a decimal point to the right side of the final digit if you are adding it to a number with a decimal in it. For example, write 56 as 56. It is also ok to write it as 56.00

Example 1: $2.32 + 0.14 = ?$

$$\begin{array}{r} 2.32 \\ + 0.14 \\ \hline 2.46 \end{array}$$

Example 2: $48.89 + 1.75 = ?$
(fill in empty spaces with zeros)

$$\begin{array}{r} 48.89 \\ + 1.75 \\ \hline 49.75 \end{array}$$

Example 3: $2.468 + 0.005 + 1.3 = ?$
(Line up decimals like buttons on a shirt and fill in empty spaces with zeros)

$$\begin{array}{r} 2.468 \\ 0.005 \\ + 1.300 \\ \hline 3.765 \end{array}$$


Agenda

- 1) warm up
- 2) Adding Decimals
- 3) Subtracting Decimals

Math Classroom



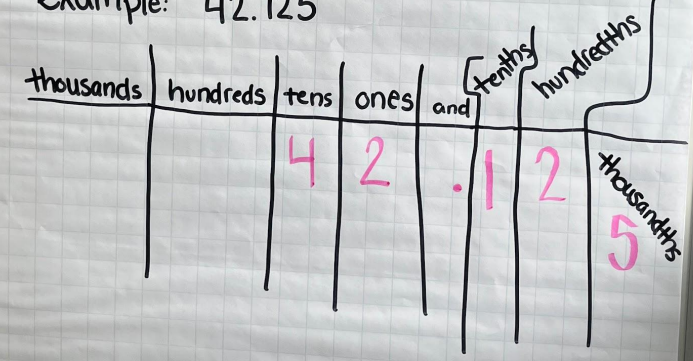
multiplication tables : up to 20 x 20

x	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
3	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
4	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
5	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
6	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
7	0	7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140
8	0	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160
9	0	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180
10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
11	0	11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220
12	0	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240
13	0	13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260
14	0	14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280
15	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300
16	0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320
17	0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340
18	0	18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360
19	0	19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380
20	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400

introduction to decimals

- to read decimal numbers go from the left to the right
- the decimal (.) is read as "and"
- the place value of the last digit is the last word you say

example: 42.125



What does this look like in an online environment?

The screenshot shows a Blackboard LMS interface for a class named "PM Math" under "Julie's Family Learning Program". The top navigation bar includes "Stream", "Classwork", "People", and "Grades", along with icons for a calendar, a warning triangle, and a settings gear. The main header area features a dark background with a compass and a ruler, and a white information icon in the bottom right corner.

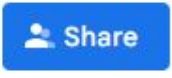
Class code wf7ppvb

Upcoming
No work due soon
[View all](#)

Announce something to your class

Sam Peckham posted a new material: Classwork 9/27
Sep 27

Sam Peckham posted a new assignment: Classwork 9/25
Sep 25



Today is
Monday,
September
18th

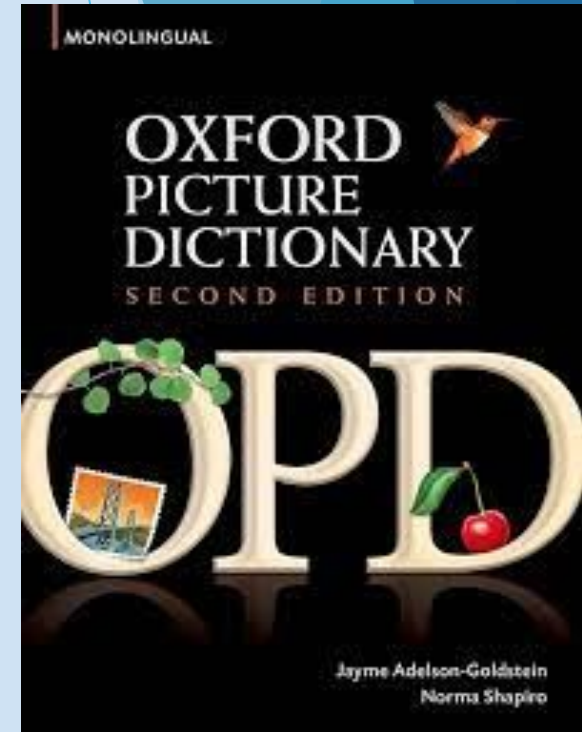
- Agenda:
1. Warm Up
 2. PEMDAS/
Order of
Operations
 3. Practice - IXL
 4. Homework
will be on
classroom!

Warm Up:
Solve this
problem
below

$15 + 5 \times 2$
15 + 10
If you got
40...it is not
correct!

Pair brainstorm:

- What materials do you need to have available for your class?
- Where are the materials kept?
- How do students access it?
- How does it get cleaned up?



Prepared Environment and Routine

- ▶ Be intentional and open about the routines with learners.
- ▶ Rely on your routines to make things easier - both for you and students!
- ▶ When I am calm, my students are calm. I don't need to match nervous energy.
- ▶ I don't need to keep people busy constantly. A little down time might even be beneficial to learning.

Grab a pencil & paper or open a document.

Reflect on the beginning, middle, ending or other parts of your class:

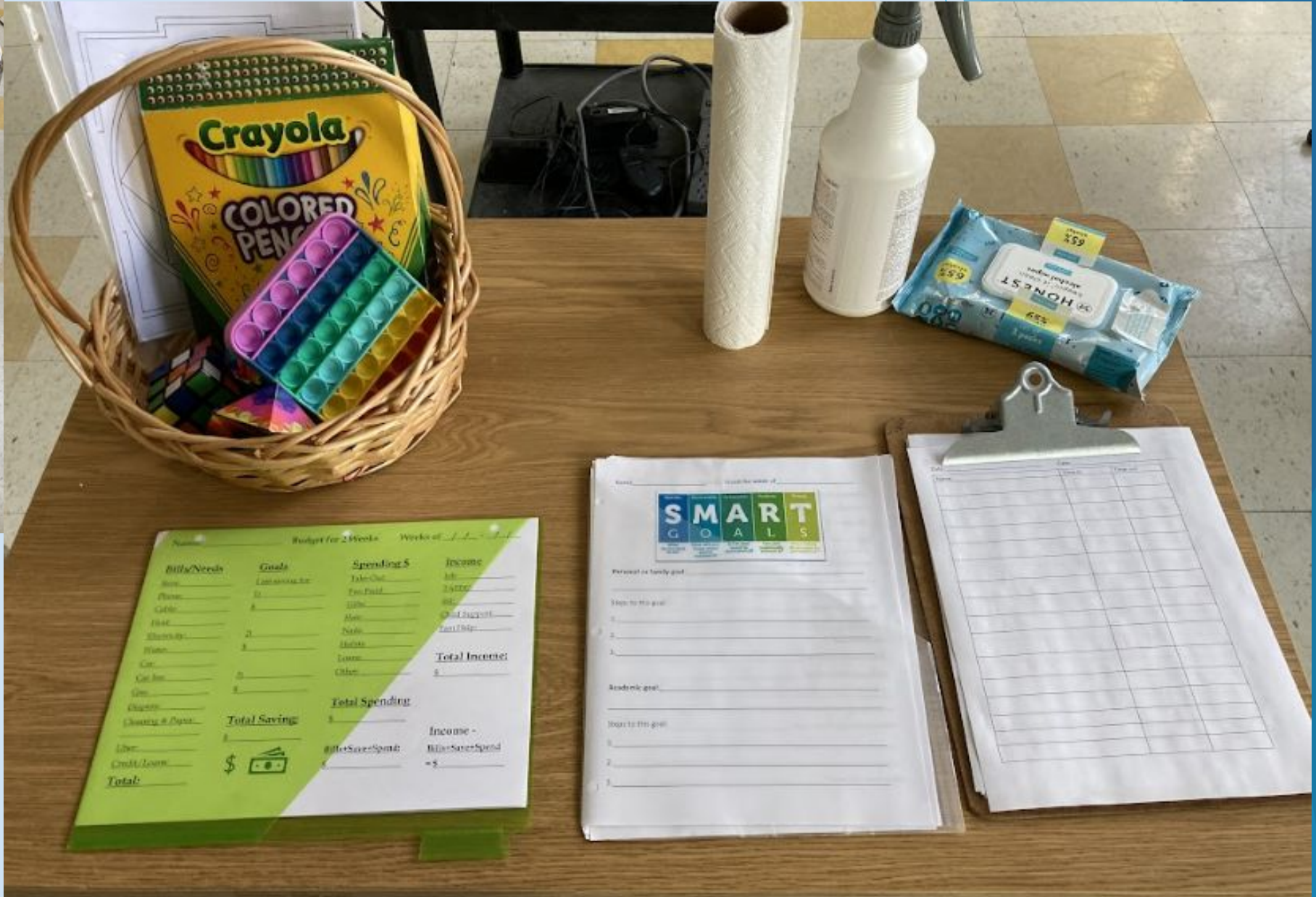
What part of your class is hardest for you? For students?

What part of class feels most chaotic? Why?

What part of class feels the calmest? Why?



Opening Routines



ESOL Opening Routines

Small group “What did you do this weekend?” talk and write

Pair homework check

Pair vocabulary review with picture dictionary, text, or flashcards

Pair talk or write about these pictures

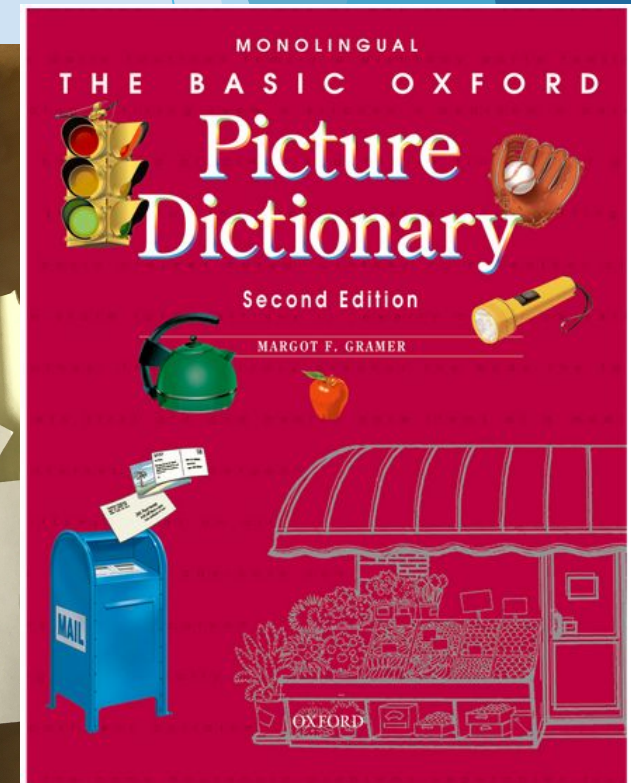
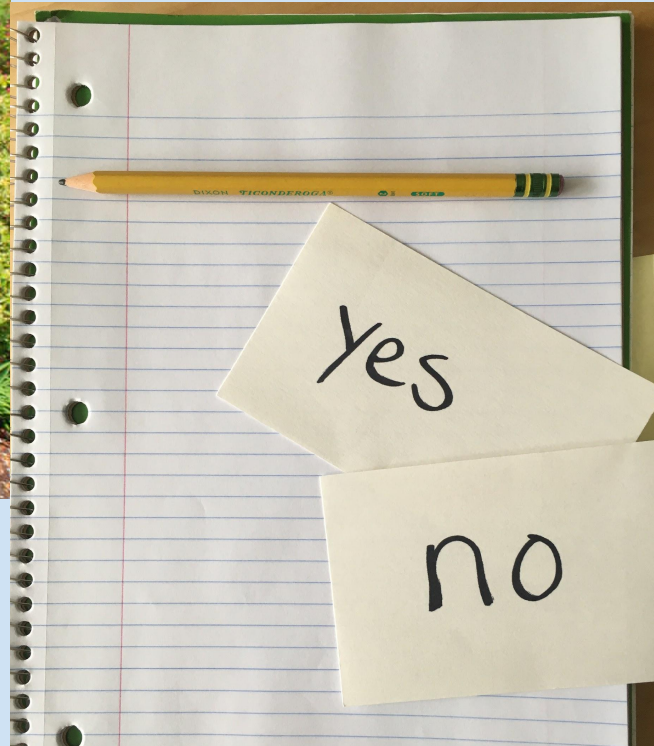
Followed by calendar, date, and agenda routines. Predictable start of class routines decrease the “affective filter” of learning anxiety

Opening Routines

What do you see?



Today you need:



It's nice to see you.

It's nice to see you too!



What time do you start work?

What time do you finish work?

Click microphone

Students Today:

Wellberth

Rosilene

Naide

Cinthia

Carly

I'm _____.

I start work at _____ AM / PM.

I finish work at _____ AM / PM.

Nice to see you!

Click microphone

Opening Routines

**Welcome!
Today is
Wednesday,
September
13th.**

**Warm Up: Complete
as many of the
problems BY HAND
(not with a
calculator!) that you
can**

1. 223×5

2. 542×15

3. 128×212

4. $524 \div 2$

5. $842 \div 12$

6. $303 \div 90$

Agenda:

1. Warm Up
2. Manual Multiplication Review
3. Long Division Review

Homework: will be posted on
Google Classroom!

Closing Routine

Name _____ Date _____

Name	When do you have an appointment?	Where do you get checkups?	What pharmacy do you go to?

Math Class Closing Routines

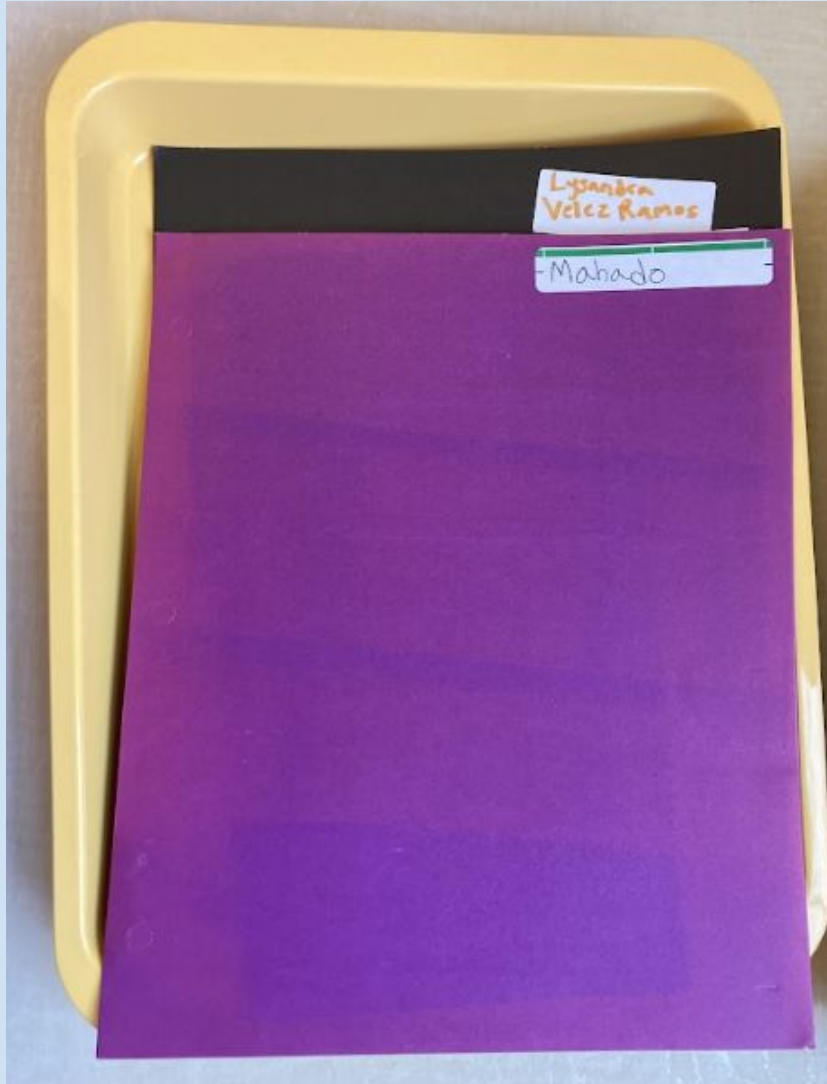
In Person

- ▶ All finished work goes into a turn in bin that is always in the same place
- ▶ Everything else goes back into student binders and back on the shelf

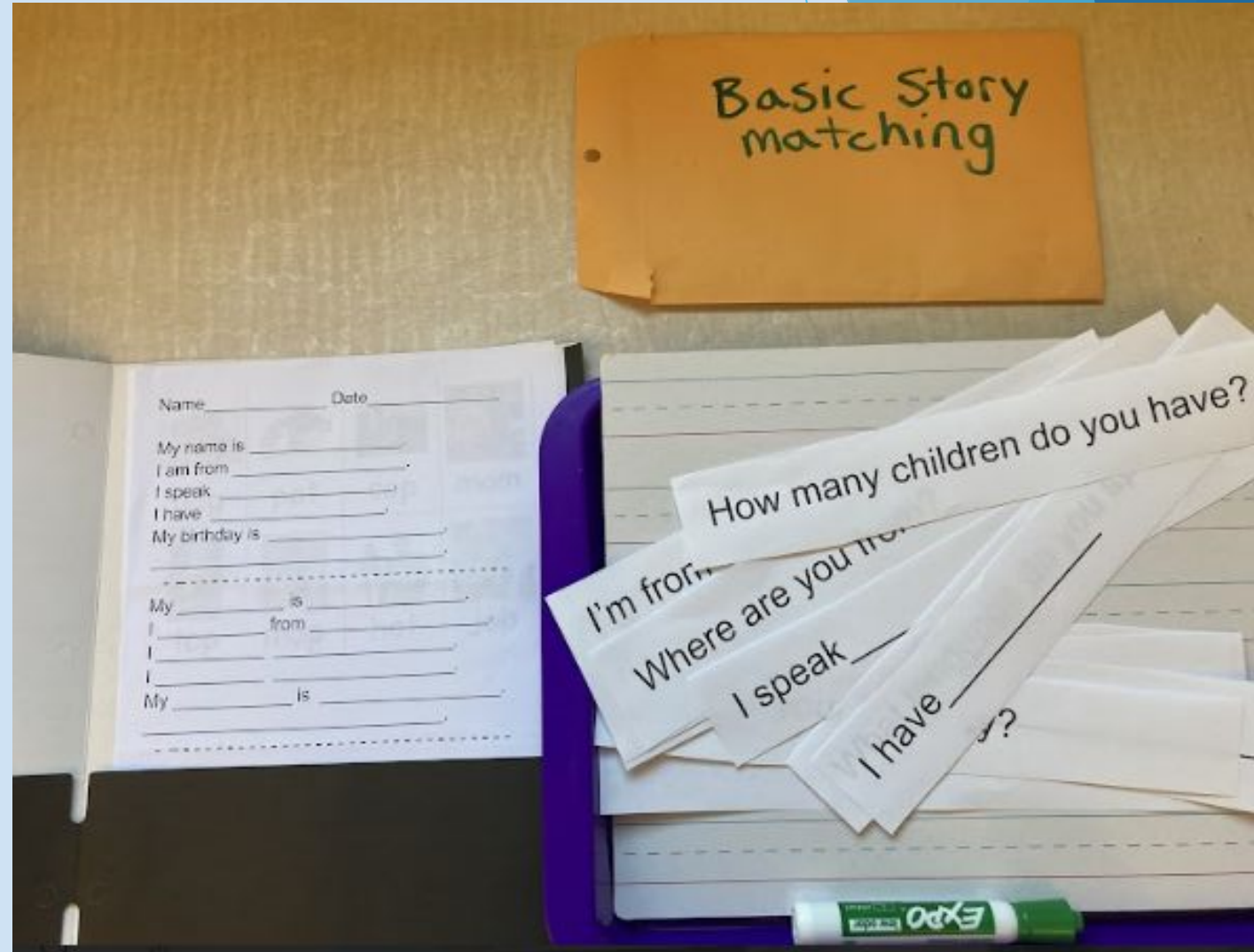
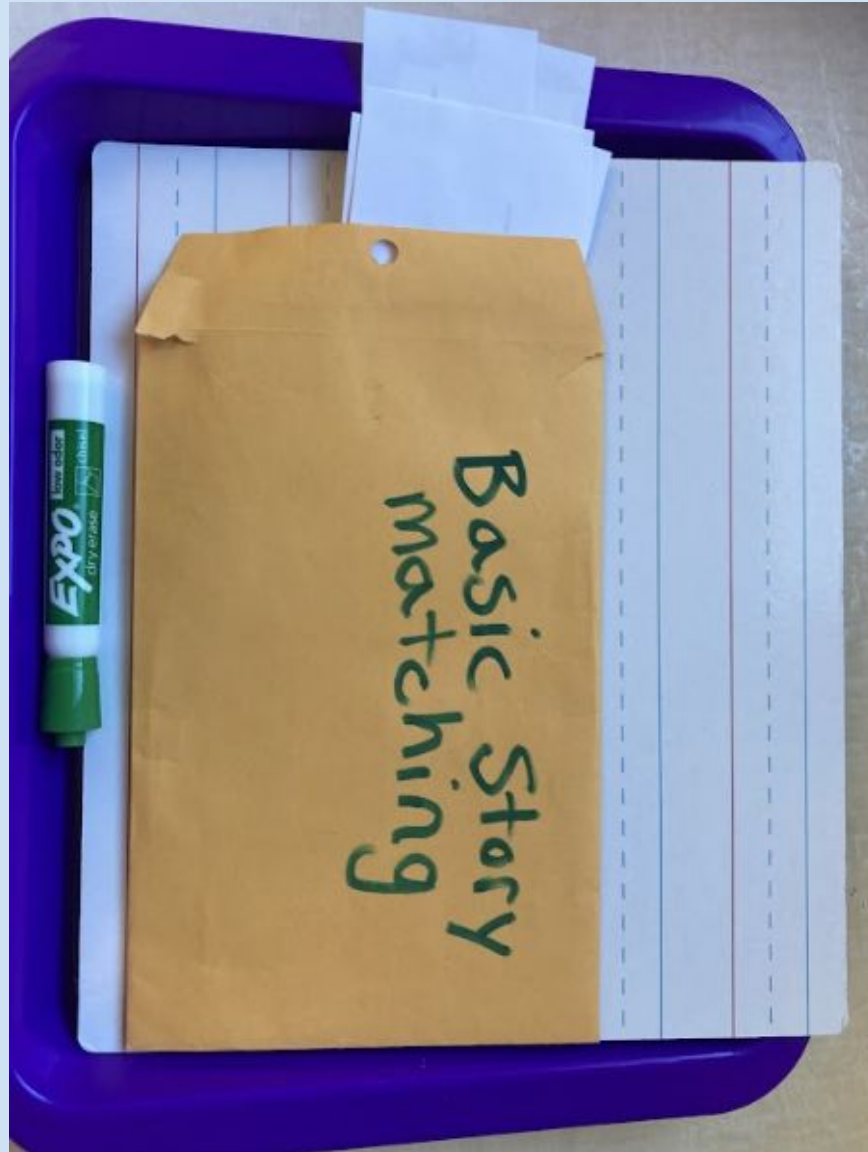
Virtual

- ▶ Students submit work to me through the chat or on Google Classroom
- ▶ Homework is always posted on Google Classroom
- ▶ Zoom students have more choice at the end


Independent work / leveled groups



Independent work / leveled groups



Independent work / leveled groups



3. Today she has class. 4. She has to fix breakfast.

Story 4: Samson's Morning Routine

Ruben

Alex Babbist

Private

14 videos 13 views Last updated on Feb 28, 2022

Play all Shuffle

No description

Sort

32 story 4
Jana Pickard-Richardson • 25 views • 2 years ago

1:12

Letters and sounds 1
Jana Pickard-Richardson • 2:33

Letters and sounds 1
Jana Pickard-Richardson • 2:21

33 short i
Jana Pickard-Richardson • 5:32

Letter Picture
Jana Pickard-Richardson • 5:41

Personal Information

1. first name _____ 2. last name _____
3. address _____ 4. city _____
5. telephone number _____ 6. email address _____

Mark Kulek

ESOL 1

Alex Babbist

Public

10 videos 5 views Updated today

Play all Shuffle

No description

4:22

03 PLACES AROUND TOWN; TO BE SUBJECT PRONOUNS
Miss English Teacher • 110K views • 10 years ago

1:45

Greetings (How are you?) - English Speaking Practice |
Mark Kulek • 124K views • 6 years ago

4:50

Chores: At Home | Do you like - To plus Verb | English |
Mark Kulek • 16K views • 5 years ago

4:35

Asking for Directions - locations (prepositions of place)
Mark Kulek • 18K views • 4 years ago

5:24

Ramadan Vocabulary in English | English Vocabulary
ENGLISH WITH AL • 3.2K views • 3 years ago

2:06

Small Group Discussion

What can your students do independently now?

What routines have you already introduced in your classroom successfully?

What parts of your class are calmest and most effective?

Routines for Lesson Planning and Prep Time

- ▶ Your time is valuable!
- ▶ Routines simplify lesson planning.
- ▶ Time chunking routines for lesson planning
 - ▶ 6:15-6:45 Opening routine
 - ▶ 6:45-7:45 Content, I do/we do/you do
 - ▶ Break
 - ▶ 8-8:30 Phonics whole/part/whole
 - ▶ 8:30-9 Mingle grid / conversation activities
 - ▶ 9-9:15 Wrap up/reflection/homework routine

Weekly Lesson routines for virtual classroom

- ▶ Two classes a week, each are two hours
- ▶ Each week as a two part seminar
- ▶ Monday - Introduce topics
- ▶ Wednesday- Review and complete practice

Homework:

- ▶ Next session is 10/18
- ▶ What do you want to know more about? Anything we didn't get to today?
- ▶ Homework:
 - ▶ Think about a routine that can be completely prepared before your class starts
 - ▶ Try it out at least once before you come back! Take a photo to share back if possible.



Thank you!

We want your feedback.
Insert evaluation link

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