



JBM 4th Grade Math



Week of April 6th, 2020

Review of Common Core Standard:

CCSS.Math.Content.4.OA.A.1

Interpret a multiplication equation as a comparison, e.g., interpret $35 = 5 \times 7$ as a statement that 35 is 5 times as many as 7 and 7 times as many as 5. Represent verbal statements of multiplicative comparisons as multiplication equations.

CCSS.Math.Content.4.OA.A.2

Multiply or divide to solve word problems involving multiplicative comparison, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.¹

Dear Families: Below are optional activities for your student to participate in each day. Use your discretion on what activities you choose to do with your student. Choosing to do only some of the activities is fine, as one activity doesn't depend on the other to be completed successfully. These activities will not be graded and are a review of math and science skills that we have already practiced. Your child can also access their Google Classroom to connect with their teacher and classmates.

Google Classroom Log-in

(which can be accessed through Clever under JBM's homepage student links)

Username: `firstname.lastname@smyrnaeagles.org`

Password: SSDlunchnumber

Virtual Counselor's Corner- bit.ly/JBMguidance

JBM Storytime- Daily on our PTO page at 11 AM and 7 PM.

Sign-up to read bit.ly/JBMstorytime

[JBM PTO Facebook](#)

This Week's Math Focus:

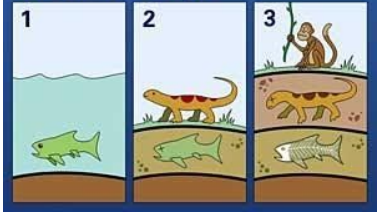
Multiplication

This Week's Science Focus:


Fossils

Weekly Parent Newsletter: [4thGr Math Vol. 2 \(3\).pdf](#)

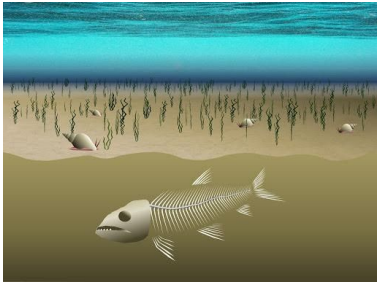
Monday

Math Video	Math Activity	Math Game	Science Journal
<p>Youtube: <u>Multiplication Video</u></p> <p>Khan Academy video using the standard algorithm</p>	<p><u>Multiplication using area models</u> <u>Interactive activity</u></p> <p>Multiplication using the area model activity</p>	<p><u>Multiplication War</u></p> <p>Above is a link to a demonstration on how to play Multiplication War with a deck of cards.</p>	<p>rock layers are deposited from the bottom up...</p>  <p>Dear Scientists, Please explain what these different layers of rocks and soil would be called.</p>


Tuesday

Math Video	Math Activity	Math Game	Science Journal
<p>Youtube: <u>Area Model Song</u></p> <p>Short video (song) about using an area model to multiple.</p>	<p><u>Multiplication using Area Model 2 digit by 1 digit</u></p> <p>Multiplication using the area model activity</p>	<p>Online: <u>Splash and Learn</u></p> <p>Scroll down and click on multiplication- there are lots of games for multiplication</p>	 <p>Dear scientists, Do you think you could find a fossil when digging in your backyard?</p>

Wednesday

Math Video	Math Activity	Math Game	Science Journal
<p>Youtube: Multiplying 4 digits by 1 digit</p> <p>Khan Academy video using partial products to multiply</p>	<p>Math interactive activity using area model 3 digit by 1 digit.</p> <p>Multiplication using the area model activity</p>	<p>Multiplication Flashcards</p> <p>Flashcards to practice multiplication facts</p>	 <p>Dear Scientists, How did fossils form from dinosaurs and other animals?</p>

Thursday

Math Video	Math Activity	Math Game	Science Journal
<p>Youtube: Applying the area model to a real world problem</p> <p>Short video reviewing area model</p>	<p>Multiplication Using Area Model - 3 digit by 1 digit</p> <p>Multiplication using the area model activity</p>	<p>Area Model Puzzles</p> <p>Matching Activity</p>	 <p>Get outside and see what you can find scavenger hunt!</p>

District Sponsored Virtual Field Trip: **Tour of Aquaponics at 3pm with Doug Wood on Thursday 4/9.** Virtual field trips can be found on the District's "Virtual We Can" facebook page. <https://www.facebook.com/wecanweekSSDI>

Favorite Friday

Choose your favorite activity from earlier in the week and practice it!

Math Video	Math Activity	Math Game	Science Journal
Review	Review	Review	Review

Need something else? Check out the Bridges website!

Math Bridges

We've worked on Units 1-4 this year and there are many practice problems to keep our brains fresh.

[-Math at Home - Grade 4](#)

[-Unit 2 Multiplication Practice Sheets](#)

[-Math at Home - Online Games](#)

(Bridges Math Games Unit 1-4)

Problem of the Day

Math 24: **Object of the game:** Make the number 24 from the four numbers shown. You can add, subtract, multiply and divide. Use all four numbers on the card, but use each number only once. You do not have to use all four operations. Can you solve the card below? Below you will see 5 cards, one for each day.



Math Extension ?

Here is a challenge problem! See if you can solve it. The answer will be posted on the next newsletter!

[Math Extension Problem of the Week!](#)

\$\$\$ Everyday Chores \$\$\$

Many students are given responsibilities at home. Here is a good way to incorporate these with basic math skills. This is an ongoing activity you could complete each week if you would like. The link below will give directions for a chore chart and printable money.

[Math Activity](#)

Science

Here are some additional science activities if you would like to do them.

[Generation Genius Video about Fossils](#)

- [Worksheet that goes with video](#)

[Fossils 101 | National Geographic about Fossils](#)

Related Arts

Art

Virtual Gallery Walk: Click on the link below for an exciting virtual learning resource brought to you by the Brandywine Conservancy and Museum of Art. Take a virtual tour and listen to an explanation of one of the museum's newest acquisitions.

["Brandywine at Home"](#)

Word find: Know the *elements* of art and *principles* of design. I have created a printable word find to help you remember your art terms.

Bonus activity: Draw a simple sketch to describe some of the *elements* and *principles*.

Elements of Art/Principles of Design

R F L T N G C V O N M L W E M E W S B B K T Z G P
 N O O E M X Q V A B O H Y N H P G I G A E B X O Y
 X Y L R O O J S C V E I T Y S L N S G B L S D I K
 J J K O M F C T W A F V T T J B R A J E D A L F I
 V C I J C X N M R W Y S A R C P D H Y Y J E N B F
 F B L Z E E C X Q L Y B L R O S P P G Y W I R C F
 Y S B U M T L F U C A Y K G W P L M T E X T U R E
 A H L E I T I V T V K B T X C C O E L R N F H Y T
 R A V S H X S N O J O B P L E B J R X Q K K D J F
 V O E K E K C H S G N Q H E B G S B P F O O N F V
 M O P Y Y J Q M R O K N Q Q O H A R D P F Z P C Y
 A Y B M P Z X D I D P Z K F R A M P C J V P X R Z
 F I B E U D A N M F R C I J K K B M N D Z R G B B
 C D G K Q J O T X R H O U L D Y W Q M G G S R O T
 D Y Q D K E C R L F R C B H B L Q R Q S G U Q D Y
 D P F B C Z P H H B S L U Y Z V F G Y U C K D K V
 U O O I T F C N C W M N P E O O Y A L U Y D W O W
 V Q W B C P B V A H P V S R G P Z O X A W Q P N D
 C U L B J J A S J A L A Q O I N Q V O T O W Q K B
 Y T E Z S C L B T P L R I E C A P S P M M L T W C
 M K P T Z M O T E N T I I J P Y V Y U N I T Y V M
 U N A A G R E K X L K E E O B N M Y C A K B D U I
 Q P H D N R S X V I R T V A N X O P J R L X C C S
 P V S S N T C S C N P Y X O B Q J O X R R P C E Y
 P B W T C D G V E E C Z B Q P V N K C J D A V Q I

BALANCE
 FORM
 PATTERN
 SPACE
 VALUE

COLOR
 LINE
 PROPORTION
 TEXTURE
 VARIETY

EMPHASIS
 MOVEMENT
 SHAPE
 UNITY

Music

Try these cool Body Percussion warm-ups

[Body Percussion Warm Up #12](#)

[The Rhythm Mill Warm Up #11](#)

Make music without instruments this week. Get Creative!

1. Review the body percussion examples below to recall how to say and use **grape, cherry, watermelon, apricot, and strawberry** to make music. Once you can say the rhythms add your own sounds like loud claps, soft claps, stomps, snaps, belly, shoulders and more. Get creative!

Example A

grape grape grape grape cher ry cher ry cher ry cher ry

wa ter mel on wa ter mel on wa ter mel on wa ter mel on (rest) (rest) (rest) (rest)

Example B

Rhythm 1 grape grape grape grape

Rhythm 2 cher ry wa ter mel on cher ry cher ry wa ter mel on cher ry

Example C

straw ber ry straw ber ry straw ber ry straw ber ry straw ber ry straw ber ry

a pri cot a pri cot a pri cot a pri cot a pri cot a pri cot

Example D

Rhythm 1 straw ber ry straw ber ry straw ber ry

Rhythm 2 a pri cot a pri cot a pri cot

2. Can you create your own with rhythms using **grape, cherry, watermelon, apricot, and strawberry**? Can you find unique sounds to use for your rhythm? Ask other to join you. The more creativity the better.

**Physical
Education**

Check out [P.E. with Joe](#)

Monday - Friday

9am live on YouTube - <https://youtu.be/IEWcBlvqjDk>

Everyday this week, "Spell Your Name"

SPELL YOUR NAME

—→ and get moving ←—

A → 10 Jumping Jacks	N → 25 Mountain Climbers
B → 20 Squats	O → 20 Plank Jacks
C → 25 High Knees	P → 30 second wall sit
D → 15 Push Ups	Q → 10 Burpees
E → 5 Burpees	R → 30 lunges
F → 20 Arm Circles	S → 20 Jumping Jacks
G → 40 second wall sit	T → 15 Squats
H → 20 lunges	U → 40 second plank
I → 25 Butt Kicks	V → 40 arm circles
J → 20 squats	W → 5 burpees
K → 20 Jumping Jacks	X → 20 reverse crunches
L → 15 push ups	Y → 25 Jump Ropes
M → 30 second plank	Z → 30 mountain climbers

Health

[Click here to listen to a message from Mr. Reuter](#)

Listen to this song about Proper Hand Washing
<https://www.youtube.com/watch?v=L89nN03pBzI>

Hand Washing Challenge
<https://www.youtube.com/watch?v=TJ5oUSnBCr8>

Write your own personal hand washing song using the proper techniques in the video. I will post mine the week of April 20th.

Technology

How Computers Talk

What is binary code and how is it used? Watch the video to find out!

[Binary Code Video](#)



Social-Emotional Learning

Click on the picture to learn more about understanding your emotions:



Social & Emotional Strategies with Dr. Angela Seacry:

<https://youtu.be/l44qCV56K-s>

Identifying Emotions Activity-Chameleon Moods:

<https://www.centervention.com/identifying-emotions-activity-chameleon-moods/>

Show Your Gratitude

School Lunch Hero Appreciation Week: April 27th - May 1st

Write a note of gratitude, draw a picture or create a comic for our Smyrna School District Child Nutrition staff. We will celebrate them on May 1, 2020 and thank them for all of their hard work!

You can turn your creation in on Google Classroom to your teacher or drop a printed version off in the resources bin outside of JBM in the Cafeteria staff folder by April 24, 2020. Here are links to some fun things to do to celebrate School Lunch Hero Appreciation Week!

[Lunch Hero Day Cards](#)

[Lunch Lady Paper Doll](#)

[Lunch Lady Comic Strip](#)

A colorful graphic with a red border. The top half features the title "Virtual Field Trips & Visits" in large, blue, bubbly letters with a red outline. Below the title, the text reads: "Visit our Smyrna School District 'Virtual We Can' page at www.facebook.com/wecanweekssd to participate in our Virtual Field Trips & Visits." To the right, a hand holds a smartphone displaying the text "Learning starts with our Smyrna/Clayton community!" and a logo of a bird. The background is filled with various colorful icons representing technology, education, and community.

Virtual Field Trips & Visits

Visit our Smyrna School District "Virtual We Can" page at www.facebook.com/wecanweekssd to participate in our Virtual Field Trips & Visits.

Feel free to share our page, so that more students in our community can participate!

Join us for a "Virtual" learning experience, which will allow our students to explore our community and the world we live in. During the Smyrna School District "Virtual Field Trips" students will discover new things, learn about our community and participate in engaging activities.

Our upcoming Field Trips:

Friday, April 3rd – **Mr. Williams** will be doing a **cooking demonstration**.

Thursday, April 9th – **Doug Wood** will be giving a **tour of Aquaponics**.

****All virtual field trips will begin at 3pm.**

****Virtual Field Trips will be weekly on Fridays and run through May 15th.**

Smyrna School District Home Learning Resources website

https://www.smyrna.k12.de.us/apps/pages/index.jsp?uREC_ID=212231&type=d