INTERMEDIATE SCHOOL TIMES

March 2019

Congratulations to the 5th Grade Enrichment students!

Students recently competed in the Northeast Thinking Cap Quiz Bowl. The online quiz bowl consisted of 100 multiple choice questions. Points were earned based upon accuracy, plus bonus points were awarded based upon speed. The students placed 6th in the Northeast region and 4th in the state.

Calendar of Events

March

1 - Read across America

10 - Daylight Savings (Turn your clock ahead)

11– School Board Mtg. 7pm

12– PTSO Mtg. 7pm

15 - Spring Picture Day

19– 5th grade Chorus/Band 7pm

20– Gr. 5 Chorus/Band Snow Date 7pm

22– Fun Night 6 - 7:30pm

January's R.A.R.E students will be recognized at the March 12th, PTSO meeting.

Please make plans to join us for a K-5 Family Night event...

Book BINGO!!

When: Monday, March 4, 2019
Time: Doors open at 6:30 pm – 8:00 pm
Where: Selinsgrove Elementary School

SELINSGROVE STINGRAYS Swim Team

Will be having registration the beginning of May.

Season begins Monday, June 3rd 2019 and goes to the end of July.

Please visit us on Facebook at Selinsgrove Stingrays Swim Team.

R.A.R.E Students for February

3rd Grade

Mr. Moll
Porter Fern, Caylee Wilt
Mrs. Foor
Sadi Bigger, Tanner Fry
Mrs. Pope
Laine Phelps, Nolan Smith
Ms. O'Malley
Layla Zechman, Lincoln Phelps
Mrs. Varner
Arlie Troup, Nathaniel Orner
Mrs. McEvoy
Jaden Leiby, Everett Purdy
Ms. McCartney
Billie Kovaschetz, Bryan Ray
Mrs. Briggs
McKenzy Rinker, Andrew Pysher
Mrs. Montesinos
Olivia Showers, Isaac Showers

4th Grade

Mr. Sees
Sabrina Fegley, Ian Spracklin
Mrs. Catherman
Ariana Flora, Mirra Jackson
Ms. Wolf
Aaliyah Metzger, Kyle Snyder
Mrs. Debo
Declan Abrahims, Elise Viens
Mrs. Young
Talia Mowery, Elizabeth Varner
Mrs. Drzewiecki
Malena Keller, Ella Zimmerman
Mr. Moyer
Mariah Thomas, Dante Troxell
Mrs. Bordner
Leyani Thomas, Zachary Shaffer

5th Grade

Mrs. Gulick
John Ke, Kourtney Estep
Mrs. Stauffer
Kinzee Batdorf, Simon Schiro
Mrs. Gasteiger
Abigail Raymond, Brett Rice
Mr. Showers
Beau VanHorn, Mason Derr
Mr. Ettinger
Riley Hunt, Morgan Good
Mrs. Jackson
Paige Fanning, Chase Snook
Miss Jenkins
Alyvia Herrold, Lilly Reichenbach
Mrs. Moyer
Colton Ludwig, Catherine Richardson
Mrs. Whitford
Alana Banghart, Aubrey Merwine and Morgan Doyle

February's lone millionaire is Matthew Stebila, 5-3.

Matthew is joined by multimillionaires Joaquin Basu, 5-1, 5,000,000, Jenna Erdman, 5-1, 2,000,000, Lomand Rodgers, 5-1, 5,000,000, Genevieve Lyttle, 5-9, 3,000,000, and Colin Nichols, 5-9, 2,000,000.

2nd Annual Music and Art

Band and Chorus Concert

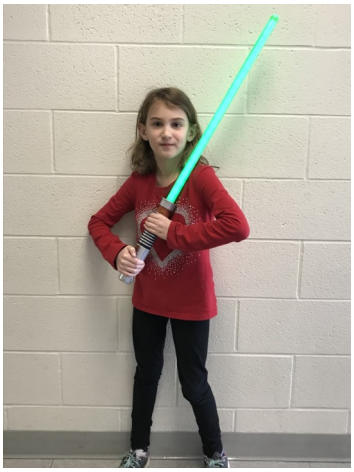
The 5th grade Band / Chorus Concert is on March 19, 2019 at 7:00 pm in the middle school auditorium.

Music and Art Fest

The 2nd Annual Music & Art Fest for all families and students in the school district will be on March 24th, 2019 at the High School from 4:00 - 7:00 pm.
Come enjoy music and art displays from the elementary, intermediate, middle and high school students.

Ava Hendricks has read 1,000,000 words in third grade. She is a Millennium Millionaire.

Ainsley LaFore has read 250,000 words in third grade. She is a Yoda Master.



K-9 Visit

Snyder County Sheriff Deputy Lucas Bingaman brought his K-9 police partner, Leo, to SAIS on February 8th. Third graders had been reading the story, "Aero and Officer Mike: Police Partners," in class, so the visit was a special treat. Deputy Bingaman demonstrated how Leo finds narcotics by his sense of smell. Leo, a German Shepherd born in the Czech Republic and trained on commands in the Czech language, has been with Deputy Bingaman for two years. Students had opportunities to ask questions about their job, but most questions were all about Leo. The best part was that students were able to give Leo a scratch or a pet before they left.

Intermediate Edition

Math+Science Connection

Building Understanding and Excitement for Children

Selinsgrove Area Intermediate School
Mr. Matt Conrad, Principal

INFO BITS

Open-door angles

Doors in your house are the perfect place for hands-on practice with angles. Take turns opening or closing a door and asking, "Acute, right, or obtuse?" Partially open a door, and it's an acute angle. Open it straight out, and it's a right angle. Open it wider, and it's obtuse.

Habitat for rent

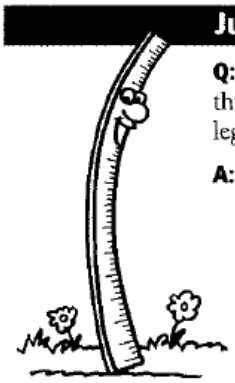
Help your child think about what animals need to survive (shelter, food, water). Then, have her choose an animal (monkey) and write a classified ad for a home that will meet its needs. *Example:* "Tall tree in a tropical rain forest. Large river nearby for drinking. Plenty of leaves, fruit, and insects to eat."

Book picks

The Man Who Counted: A Collection of Mathematical Adventures (Malba Tahan) combines an adventure story with interesting math puzzles.

Learning about the solar system is fun when planets tell the story themselves. Dan Green's *Astronomy: Out of This World!* contains fascinating facts and details along with cartoon illustrations your youngster is sure to love.

Just for fun



Q: What has three feet but no legs or arms?

A: A yard.

Fractions of fun

Understanding fractions is much easier when your child can visualize them. Here are ideas to help her see—and use—fractions.

Keep a diary

Show your youngster that fractions are a part of everyday life. For a week, have her record and illustrate each one she notices. For instance, she might write, "We had a half day of school today," or "Mom asked for $1\frac{1}{3}$ pounds of turkey at the store." How many examples can she find and draw?

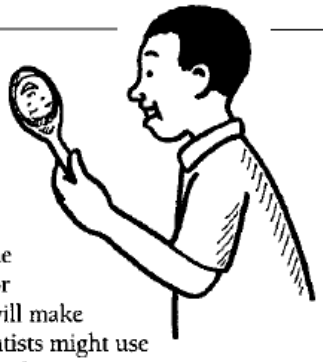
Play a game

Have each player cut a sheet of construction paper into six horizontal strips. She should leave the first one whole and then cut the second one in half (fold it, and cut along the fold), and the others into thirds, fourths, sixths, and eighths. With bits of masking tape, label a die: $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{6}$, $\frac{1}{8}$, and "wild." To play, roll the die, and lay the matching piece of paper on your whole strip (for "wild," choose any piece). The goal is to be the first one to fill your strip without overlapping any pieces (*example:* $\frac{1}{2}+\frac{1}{4}+\frac{1}{4}=1$ whole strip).

Put in order

Together, make a set of fraction cards, with one fraction per index card ($\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2). Shuffle the cards, and see how quickly your child can put them in order. Then, while she closes her eyes, lay the cards in order but leave out a few. Give her the missing cards, and have her put them where they go.

Look at me!



Help your youngster learn about the science of *optics* with this mealtime activity.

Have him look at himself in a clean spoon. What happens if he looks in the bowl of the spoon? (He's upside down.) What happens on the other side? (He's right side up.)

Next, have him bring his finger toward the spoon and watch what happens on each side. The bowl (the *concave* side) will magnify his finger, or make it look larger. The back (the *convex* side) will make his finger look smaller. Ask your child how scientists might use this information to make eyeglasses, cameras, or telescopes.

Tip: He can remember which side is which by thinking of concave as "caves in."

Multiply and divide

Learning to multiply and divide can be more about *thinking* than memorizing. Strategies like these can help your child practice.

Make it fun. If your child collects toy animals, you might ask, "How many legs do 4 horses have?" He can "skip count" the legs by 4s (4, 8, 12, 16) to see that 4 x 4 = 16. Or if he has friends over and wants to divide 17 pretzels equally among 3 people, he can "deal them out." He'll see that each person gets 5, and there are 2 left over. (17 ÷ 3 = 5, remainder 2)

Use what you know. Encourage your youngster to look for clues to help him solve problems. For 8 x 7, he could consider other math facts he knows. "I know 4 groups of 7 = 28. I need 8 groups, so I can double that answer. If 28 + 28 = 56, then 8 x 7 = 56." For 30 ÷ 5, he might say, "I know 10 ÷ 5 = 2. There are three 10s in 30, and 3 x 2 = 6. So 30 ÷ 5 must be 6."

Q & A Ask math questions

Q: *I've never felt comfortable with math. How should I talk to my children about what they're learning in math class?*

A: Try to show enthusiasm for what your youngsters are doing in math. You might ask them each day at dinner or homework time what they studied in math that day. Let them explain the concepts they're working on, and follow up with questions. For instance, if they're learning about decimals, you could ask how decimal points are used in money (they separate the parts of a dollar from the whole dollar).

Then, when your children finish their homework, have them show you how they solved a few problems. As they explain their methods to you, they'll be reinforcing their own skills. And they'll be proud to be teaching you something!

OUR PURPOSE

To provide busy parents with practical ways to promote their children's math and science skills.

Resources for Educators,
a division of CCH Incorporated
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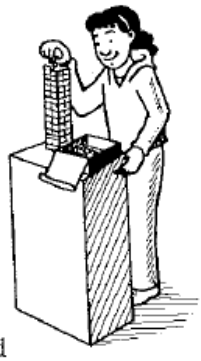
MATH CORNER Find, build, compute



What do a shoebox, book, and refrigerator have in common? They are all rectangular prisms, or solid shapes with rectangles for their faces (sides). Encourage your child to explore geometry with this common shape.

Volume. Let her build a rectangular prism out of dice, sugar cubes, or same-sized Legos. Her model should be solid, with no hidden spaces. When she finishes, have her figure out the volume (count the cubes along the height, width, and length, and multiply the three numbers together). To check her math, she can take apart her structure and count all the cubes.

Dimensions. Give your youngster 36 blocks, and see how many different sizes of rectangular prisms she can build. Have her record dimensions of each one. *Examples:* 2 x 2 x 9 and 2 x 3 x 6. What do the sets have in common? (Each product equals 36.)

SCIENCE LAB Save your breath

Your youngster can inflate a balloon without using his breath. A chemical reaction will do the job for him!

You'll need: empty plastic soda bottle (20 fl. oz.), $\frac{1}{4}$ cup water, 1 tsp. baking soda, uninflated balloon, lemon juice

Here's how: Have your child add the water and baking soda to the bottle, close the cap, and swirl it around until the water is cloudy. Then, help him stretch out the balloon and place the opening over the top of the bottle, leaving a small space. He should very quickly add a little lemon juice, seal the balloon completely over the bottle, and shake lightly.

What happens? The balloon inflates.

Why? When you mix an acid (lemon juice) with a base (baking soda), they create carbon dioxide. The molecules spread out as the gas forms, pushing against the walls of the balloon and causing it to inflate.