

KIRTLAND ELEMENTARY
9140 CHILlicoTHE RD.
KIRTLAND, OH 44094
(440) 256-3344
CHAD VANARNHEM, PRINCIPAL
LINN BOWEN, GUIDANCE COUNSELOR
TERRY WARDER, SECRETARY

News from the Nest

The KES Newsletter

Our Goal is to Maximize Student Achievement



SEPTEMBER 1, 2017

Important Times

Arrival 8:25am
School Starts 8:30am
Tardy Bell 8:40am
Dismissal 3:20 pm
Preschool 8:45-11:15 am
12:15-2:45 pm

Lunch

Lunches will remain \$3.00
Milk can be purchased
separately for \$.50

Absent

Please call our absence line
(available 24-hours) at
440-256-3344 ext. 2000 by
8:30 am to inform the
school of your child's
absence. Request
homework by 10 am to
allow time to gather
materials for the end of the
day pick up.

Change with Dismissal

Please call the office
before **2:00pm** with any
changes on how your
child is going home after
school.

A Few Points from the Principal

- Every Friday is Spirit Day at KES. Students are encouraged to wear Hornet apparel and/or school colors.
- The Kirtland Education Foundation will have its annual golf outing on Saturday, **September 2nd**. Please consider golfing or sponsoring a hole for this event that directly helps our school. (see pages 6-7 for more details)
- On **September 11th** we will be "Honoring Our Local Heroes". Members of the local police and fire departments will be coming to school to parade through the hallway. Students will give them thank you letters, pictures and signs while cheering for them as they walk by. In honor of this day, students are encouraged to **wear red, white and blue**.
- KES will be hosting and bussing to different after-school activities. Please see the flyer on p. 4 and 5 for registration. Engineering, theater and visual arts classes are being offered.
- Just a reminder, if you want to volunteer in the school or go on a field trip, you must be fingerprinted for no charge through the Kirtland Schools. The results can sometimes take weeks to return. So, if you think that you may be volunteering at any time during the school year, please contact your child's teacher asap to get the process started.
- A few thank you shout-outs from week one: <https://youtu.be/0srpua1WHyK>
- A note from Mr. Soeder in the music room: 4th graders will need recorders and books next week.

Important Dates:

9/4 -**NO SCHOOL** for Labor Day
9/11 -Wear Red, White and Blue- Honor Local Heroes Ceremony
9/12 - PTA meeting at 7:00 pm in Hornet Hall
9/15 -KES Walkathon for students and family on KHS track 5:00-6:00pm
9/19 -Picture Day
-Grade 4 to Penitentiary Glenn
9/21 -Student practice bus evacuation drills
9/22 -Grade 3 to Lake Co. Historical Society
9/23 **NO SCHOOL**- Teacher Professional Development Day



Follow KES on
Twitter @KESHornets
Facebook- Kirtland
Elementary School

Kirtland Public Library School Age STEAM

- **11:00am Saturday, September 16, 2017**
- Kids in grades K-5, come to the library and try out different types of technology, including:
 - Draw in 3D with a 3Doodler!
 - Program an Ozobot to follow directions based on the colors you draw!
 - Create a circuit with Snap Circuits Jr!

Please register by calling the library at 440-256-7323

Pam Spangler
Children's Librarian





After-School Engineering Club

at Kirtland Elem (K-5)

Join us **after-school** for a new, fun, educational experience learning about **the world of engineering**. Each week, we apply math and science skills to build and discover through hands-on lessons and labs. **Space is limited, sign-up today!**

Modules for this School Year

Art and Design



Code Breakers
focusing on Security Engineering

Maker M.D.
focusing on Biomedical Engineering



Space Odyssey
focusing on Aerospace Engineering

The Power of Green
focusing on Environmental Engineering



Get Charged!
focusing on Electrical Engineering

Details of each module, including brief overview of activities, are available at www.classroomantics.com

Maker M.D.:	10/9, 10/16, 10/23, 10/30	\$85
The Power of Green:	11/6, 11/13, 12/4, 12/11	\$85
Code Breakers:	1/22, 1/29, 2/5, 2/12	\$85
Space Odyssey:	2/26, 3/5, 3/12, 3/19	\$85
Get Charged!:	4/16, 4/23, 4/30, 5/7	\$85

Mondays 3:30-5:00 pm
Register at classroomantics.com

classroom
Antics



38660 Mentor Avenue
Willoughby, Ohio 44094-7797
www.fineartsassociation.org
(440) 951-7500

In partnership with Kirtland Local Schools

Kirtland After-School Arts Program

**OFF SITE at
The Fine Arts Association**

Take the Stage!

If you have a budding actor/actress **Grades 2—5** interested in theatre this class provides a great introduction! No previous training needed. Students will engage in theatre improv, theatre games and all prepare their own monologues. Join us the last day of class at 4:30pm for a

Sharing Day where students will perform!



Wednesdays: October 4, 11, 18, 25, November 1 & 8

Tuition is **\$80 per child**.

Class held at The Fine Arts Association from
4:00—5:00 PM



Transportation provided to FAA by
Kirtland Schools.

Parent pick up at 5PM from room 156.

Creative Painting & Drawing—

Students **Grades 2 - 5** will create paint, draw and explore many other mediums in this hands-on arts making class.

All supplies included

Enjoy this **6 week session** of visual arts!



Wednesdays: October 4, 11, 18, 25, November 1 & 8

Tuition of **\$80 per child** includes all art supplies.

Class held at The Fine Arts Association
from **4:00—5:00 PM** in the Art Room



Transportation provided to FAA by Kirtland Schools.

Parent pick up at 5PM in the FAA Art Room.

PLEASE CUT AND RETURN THE BOTTOM PORTION TO YOUR CHILD'S CLASSROOM TEACHER BY FRIDAY, SEPTEMBER 22, 2017

CHILD NAME: _____ PARENT NAME: _____

ADDRESS: _____ CITY: _____ ZIP: _____

EMAIL: _____ STUDENT GRADE: _____

TWO PHONE NUMBERS REQUIRED: (_____) _____ PHONE 2 : (_____) _____

STUDENT BIRTHDATE: _____ SIBLINGS ATTENDING? YES NO

NOTES/MEDICAL CONCERNS: _____

_____ TAKE THE STAGE (W) \$80 _____ CREATIVE PAINTING & DRAWING (W) \$80 _____

TOTAL: \$ _____

_____ CHECK _____ CREDIT CARD NAME ON CARD: _____

(Make checks payable to The Fine Arts Association) CARD NUMBER: _____ CCV _____

PLEASE USE OTHER SIDE FOR ADDITIONAL NOTES SIGNATURE: _____ EXP DATE _____

SATURDAY September 2nd 2017 (Labor Day Weekend)

19th Annual Kirtland Golf & Dinner Outing
Benefiting Kirtland Educational Foundation

Yes, I would like to sponsor the following for the KEF Golf Outing:

_____ Double Eagle Sponsor - \$250

_____ Eagle Sponsor - \$150

_____ Birdie Sponsor - \$100

_____ Grand Sponsor - \$1,000 or above

The name you would like to appear on the sponsor sign (add \$25 for a photograph sign and email us a digital image you want as your sign):

Your Name: _____

Phone: _____

A donation of \$250 (Double Eagle), \$150 (Eagle), \$100 (Birdie) or other amount (Par) gets your name on a sign for a golf hole with the profits going to KEF.

Attached is my check in the amount of _____ for the sponsorship.

We also will be holding an auction and prize drawing. Accordingly, we greatly appreciate any gift donations that can enhance that aspect of the outing!!!

THANK YOU FOR YOUR CONTINUED SUPPORT!

Send to: Kirtland Educational Foundation
8622 Ptarmigan Court
Kirtland, OH 44094
Phone: 256-8264



Please Join us for the 19th Annual KEF Golf Outing!

Proceeds will provide educational materials and programs to students in grades K-12.

Date: September 2nd, 2017

Time: 12:00pm

Shotgun Start at 1:00 pm

Location:

**Legend Lake Golf Club
11135 Auburn Road
Chardon, OH 44024**

Four person scramble format. Sign up as a foursome if you have one. If not, we will put you on a team.

Pre-Register ASAP!!! There are only 80 spots available on a first come, first served basis.
Deadline-August 26!!

Entry fees: (per person) includes 18 holes of golf, cart, keg beer on the course, and steak dinner at Legend Lake.

- \$120.00 For Golf and Dinner
- \$50.00 For Dinner Only (6:00 pm)
- \$90.00 For Golf and Lunch Only
Includes OPEN BAR beer & wine

Scott McCollister 256-8264

Email: smccollister@faysharpe.com

Cathy Withrow 477-8324

Email: cathywithrow@yahoo.com

Tim Blankenship 478-3198

Email:premiercleaners@sbcglobal.net

Tim Yurick 216-347-2183

Email:tyurick@northeastblueprint.com

Eric Cantini 216-533-0712

Email:cantinie@gmail.com

Liz Kuczkowski 622-2422

Email:ekuczkowski@celgene.com

Please contact one of the above board members with questions or if you would like to sponsor a hole or make an auction donation.



Mail form and entry fee to:

**Kirtland Educational Foundation
8622 Ptarmigan Court
Kirtland, OH 44094**

Golfer's Name(s)

Non-golfing Dinner
Guest(s)

Email

Phone

Optional requested
foursome

Please check as appropriate:

_____ \$120.00 Golf, Lunch and Dinner

_____ \$50.00 Dinner Only (6:00 pm)

_____ \$90.00 Golf and Lunch Only

_____ Total

Checks made out to:

Kirtland Educational Foundation

Math+Science Connection

Intermediate Edition

Building Understanding and Excitement for Children

Kirtland Elementary School
Mr. Chad Vanarnhem, Principal

INFO BITS



Think logically

Mathematical thinking comes into play anytime we organize things. Help your child stretch her logical thinking



by asking her to sort something,

such as the spice jars in your cupboard. She might arrange them alphabetically, by color, or another way. Point out that sorting makes it easier to find items later.

Shorter days

How does a scientist say it's the first day of fall? He says it's the *autumnal equinox*. After the equinox, the days (or daylight hours) get shorter than the nights. This year the equinox is September 22. Have your youngster record what time the sun rises and sets each day for a week. How do the minutes of daylight change?

Book picks

📖 *Go Figure: A Totally Cool Book About Numbers* (Johnny Ball) contains math patterns, puzzles, and ancient ways of writing numbers.

📖 Use *The Body Book: Easy-To-Make Hands-On Models That Teach* (Donald M. Silver and Patricia J. Wynne) to create a paper skeleton or build models of eyes and ears.

Just for fun

Q: Since two's company and three's a crowd, what are four and five?

A: Nine.



Same answer, different strategies

Since math is orderly, children can solve the same problem using different strategies—and still come up with the right answer. Here are ways for your youngster to see this in action.

Add and think

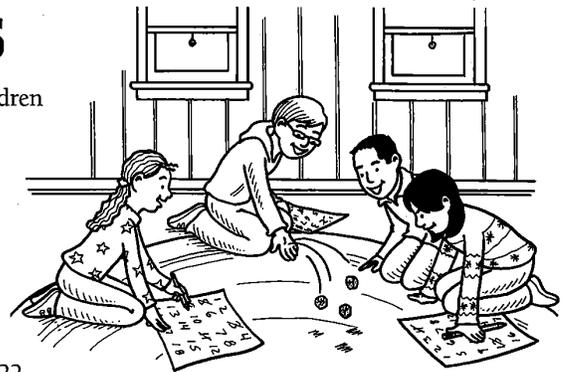
Ask your child to pick three two-digit numbers (say, 22, 54, 18) and add them together. How did he get the sum? He might have added the ones ($2 + 4 + 8 = 14$) and then the tens ($2 + 5 + 1 = 8$ tens, or 80), and then added the results together ($80 + 14 = 94$).

Can he think of a different method? For instance, he could make the numbers “friendlier” to add: Change 22 and 18 each to 20 (since they're both 2 away from 20). Then, add $20 + 20 = 40$, and compute $40 + 54 = 94$.

Which strategy does he like better?

Roll the dice

Play a game using three dice. First, each person writes the numbers 1–18



on a sheet of paper. On his turn, a player rolls all three dice and uses either two or three of the numbers rolled to make one of the numbers on his paper. He may add, subtract, multiply, or divide.

Say your youngster rolls 3, 2, and 5. He could make 10 ($3 + 2 + 5 = 10$ or $2 \times 5 = 10$). Or he might make 1 by subtracting $3 - 2 = 1$, or computing $(3 + 2) \div 5 = 1$. How many different ways can he reach the same answer? Cross out each number made—the first player to use all 18 numbers wins.

Idea: Play again using four dice, trying for the numbers 1–24. 🎲

Traffic, traffic everywhere

Encourage your child to notice how traffic intersections are designed and how the traffic flows. Then, have her try her hand at being a traffic engineer.

On poster board, she could draw streets with intersections where two or more roads cross. She should add traffic lights and signs (stop, right turn only, yield, speed limit) as needed.

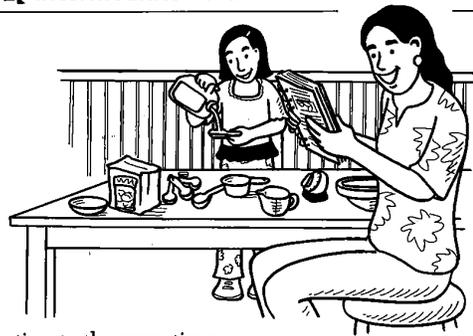
Using toy cars and people, let your youngster demonstrate how her traffic system would work. Is it safe for pedestrians and cars? Pose questions, such as “What happens when several cars need to turn left here?” Using what she learns, she can redesign her roads for safety and better traffic flow. 🚗



Measure while you cook

Pick something to cook or bake with your child, and see what kind of measuring magic unfolds with questions like these.

● **When should we start?** Have your youngster read through the recipe and estimate the prep time. She can add that to the cooking time to tell you when you need to begin. For example, if you want to eat at 6 p.m., she might figure out: “30 minutes of prep + 45 minutes of cooking = 1 hour 15 minutes, so we should start at 4:45 p.m.” Then, when you put the dish in the oven, she could note the time, set the



timer, and say when it will be done. She'll be learning about *elapsed time*—as well as helping you make dinner!

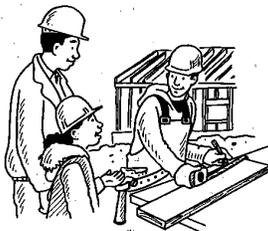
● **Which measurements are the same?** As you cook, let your child explore different ways to measure ingredients. If you need a cup of milk, ask how many ounces that is (8). *Tip:* Liquid measuring cups have hash marks for ounces. When you need $\frac{1}{4}$ cup of flour, suggest that she measure it in tablespoons (she'll find that 4 tablespoons = $\frac{1}{4}$ cup). Encourage her to work out other measurements, such as 3 teaspoons for each tablespoon. She'll get more familiar with measurement equivalents and also be more comfortable in the kitchen. 📦

PARENT TO PARENT

Math at work

One day my daughter looked up from her math homework and said, “Dad, I know this stuff pretty well, but I’m going to grow up to be an author, so I’m never going to use it.”

I thought about her comment and said, “Emily, why don’t we conduct a survey? Let’s



find five grown-ups who all have different jobs. You can ask them each how they use math in their work.”

Emily thought that sounded interesting. She asked our friends and family members: a doctor, a builder, a singer, a graphic designer, and a receptionist. She was surprised they all used math—for example, calculating proper doses, cutting wood, understanding contracts, figuring out how to size images, or deciding how much paper to order. Now it’s become a game for us when we’re out to guess how someone is doing math on the job! 📦

MATH CORNER

Fractions of fun

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



Keep a diary

Show your child that fractions are a part of everyday life. For a week, have him record and illustrate each fraction he notices. For instance, he 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 he find and draw?

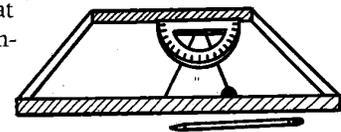
Put in order

Together, make a set of fraction cards, writing 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 youngster can put them in order. Or while he closes his eyes, lay the cards in order but leave out a few. Give him the missing cards, and have him put them where they go. 📦

SCIENCE LAB

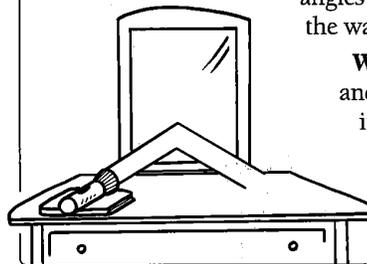
Follow the bouncing light

Can your child predict what light will do when it’s reflected off a mirror? Comparing it to a bouncing ball will help.



You’ll need: ball, box, pencil, protractor, flashlight, wall mirror

Here’s how: Let your youngster roll the ball inside the box so it bounces off a side. With a pencil, he can mark the path he observed. Have him use the protractor to measure the angles the ball made going toward and away from the side. Then, in a darkened room, ask your child to shine the flashlight on the mirror at different angles and, each time, watch where the light reflects on the wall.



What happens? The ball hits the side of the box and bounces off at the same angle. For instance, if it hits at a 20-degree angle, it will bounce off at a 20-degree angle. When light reflects, it behaves the same way—reflecting off the mirror (*angle of reflection*) at the same angle at which it arrived (*angle of incidence*). 📦

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
128 N. Royal Avenue • Front Royal, VA 22630
800-394-5052 • rfeustomer@wolterskluwer.com
www.rfeonline.com

PROGRAM	INFORMATION	LOOK FOR THE LOGO
BOX TOPS FOR EDUCATION	<p>WEBSITE: http://www.btfe.com</p> <p>HOW YOU CAN HELP: Send completed Box Tops forms or bags of Box Tops into school. Remember to include your students name so they can receive credit.</p> <p>HOW IT BENEFITS KES: Kirtland Elementary School is a part of the national Box Tops for Education program. Each Box Top is worth \$0.10. Money generated from this program goes towards t-shirts, assemblies, Caught Being Good, technology and other supplies.</p>	
APPLES FOR THE STUDENTS	<p>WEBSITE: http://www.gianteagle.com/Save/Supporting-Our-Schools/Apples-for-the-Students/</p> <p>KES SCHOOL ID: 2437</p> <p>HOW YOU CAN HELP: Register your card online.</p> <p>HOW IT BENEFITS KES: Earning points is simple! With every scan of your registered Giant Eagle Advantage Card at the cash register, points are automatically credited to your selected school.</p> <p>Points can go towards educational equipment, including classroom technology, recreational and playground equipment, science materials, art supplies, music enrichment items, nutrition programming and more.</p>	
HEINENS	<p>WEBSITE: heinens.com/schools</p> <p>HOW YOU CAN HELP: Register your card online. This is required annually.</p> <p>HOW IT BENEFITS KES: Kirtland will receive a check in April/May from Heinen's. Money generated from this program goes towards t-shirts, assemblies, Caught Being Good, technology and other supplies.</p>	
TARGET: TAKE CHARGE OF EDUCATION	<p>WEBSITE: http://www.target.com/redcard/main#!?lnk=gnav_redcard</p> <p>HOW YOU CAN HELP: Register your card online.</p> <p>HOW IT BENEFITS KES: We will receive a check in August for the previous school year. Choose Kirtland Elementary School and Target will donate 1% of your Credit or Debit REDcard purchases made at Target and Target.com. Money generated from this program goes towards t-shirts, assemblies, Caught Being Good, technology and other supplies.</p> <p>KES SCHOOL ID: 84455</p>	
Primary Kids Inc	<p>Www.primary.com/school/Kirtland Order Code: Kirtland</p>	
SHOPAROO	<p>WEBSITE: http://www.shoparoo.com/</p> <p>HOW YOU CAN HELP: Download the app to your phone and snap pictures of receipts. Each receipt is worth points, and points are converted to cash at the end of the year.</p> <p>HOW IT BENEFITS KES: Kirtland will receive a check in August for the previous school year. Money generated from this program goes towards t-shirts, assemblies, Caught Being Good, technology and other supplies.</p>	



ONE NATION UNDER GOD

2nd Annual CONSTITUTION DAY CELEBRATION of Lake County
Sept 17th 1787 - Sept. 16th 2017

Date: Saturday, September 16th 2017

Time: 11:00 AM — 3:00 PM

Place: Painesville Square Gazebo

Rain Location (First Church Congregational of Painesville)

Hosted by: State Representative Ron Young

VIP Invited Guest: David Joyce - US Congressman 14th House District

Special Guests: Monica Irelan, Painesville City Manager; Al Jones, President of Lake County NAACP; John Eklund, State Senator 18th Senate District; Kenny Yuko, State Senator 25th Senate District; John Barnes, State Representative 12th House District; John Rogers, State Representative 60th House District; Bill Patmon, State Representative 10th House District; Daniel Dunlap, Lake County Sheriff

Powerful Speeches Presented by Local Dignitaries Portraying:

**George Washington, Betsy Ross, Abraham Lincoln,
Martin Luther King Jr., and Ronald Reagan!**

Listen to the Stories of 3 Signers of our United States Constitution:

The Sons and Daughters of the American Revolution will provide exciting presentations and activities which make the Constitutional Amendments come ALIVE!



FREE Historical Children's Games • FREE Pocket Constitution

PLUS



Lots of Patriotic Music (Harvey High School Choir and Band and the Mentor High Choir)

Honor Guard with the Presentation of the Colors

Boy Scouts Troops Demonstration

For More Information Contact Representative Ron Young - 614.644.6074

Please Note: A certificate of attendance will be available for any who may be able to use the event to fulfill the Federal Constitution Day and Citizenship Day education requirements.



KIRTLAND ELEMENTARY FAMILY

Earn money for your school when you buy essential kids clothes!

who is Primary?

- Started in 2015 by two moms who wanted a go-to for better basics without logos, slogans or sequins.
- Offering 80 unisex styles (and counting) for babies and kids up to size 12, in a rainbow of awesome colors and the softest fabrics we could find – all under \$25!
- Easy no-risk shopping at www.primary.com with free shipping on every order, and free returns for 90 days.

here's how it works:

Shop Primary with your school's unique link: www.primary.com/school/kirtland and a percentage of that sale goes directly back to your school plus new customers get 20% off their first order!

15% BACK
for back to school
(Jul - Sept)

+

10% BACK
for the rest of the year
(Oct - May)

+

PLUS
20% off
your first order
with code:
KIRTLAND



*Valid on first purchase only. Cannot be combined with other offers.

just amazing colors in the softest fabrics we could find
for babies and kids up to size 12, in up to 25 colors, all under \$25



the classic tee
\$8



the classic l/s tee
\$10



the polo
\$14



the henley
\$16



the cardi
\$24



the hoodie
\$20



the swing dress
\$24



the short sleeve dress
\$16



the pocket skirt
\$12



the reversible twirly
\$18



the short
\$16



the midi short
\$16



the track short
\$14



the gym short
\$14



the legging
\$14

SHOP THESE AND
70+ MORE STYLES
AT PRIMARY
(use link below)

WWW.PRIMARY.COM/SCHOOL/KIRTLAND

15% BACK + **10% BACK** +
for back to school (Jul - Sept) for the rest of the year (Oct - May)

PLUS
20% off*

your first order
with code:

KIRTLAND

*Valid on first purchase only. Cannot be combined with other offers.