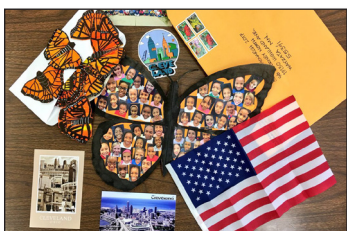




### ❖ Canterbury Elementary School

The year is moving so quickly, and our students have been focusing on specific IB attributes and attitudes. Check out all the Tiger Paws on the bulletin board as evidence to the principled learners we have in our building! Besides showing great character, our students are learning interesting things in engaging ways!

- **Kindergarteners** learned all about communities, safety signs, and why rules are a good thing and how even Lake Farm Park has rules to keep the animals safe, the visitors safe, and the place looking terrific.
- **1st graders** kicked off their #2 planner with the adventures of Flat Stanley and are eagerly awaiting word on his journeys.
- **2nd and 4th graders** enjoyed learning about the past and exploring fossils, along with asking questions on how we can help the earth.
- Speaking of helping, our **4th graders** showed empathy to the residents impacted by the wildfires in California. They created care packages to send to an IB school where over 70% of staff and students lost their homes.
- **3rd graders** had fun adding information into their IB portfolios using Google sites while learning about life cycles and reflected on things they learned in planner #1.
- **5th graders** have learned so much about our interdependency--whether in ecosystems or communities. Their study of biomes and meeting needs can be found lining the hallways and in portfolios.



### Canterbury Butterflies Migrate South

In October, Canterbury 2nd grade students took part in an interdisciplinary project called "Journey North." In Spanish, students learned about how monarchs migrate from the United States and Canada throughout the fall, arriving in Mexico by November. They learned vocabulary related to monarch migration and played an authentic hand clapping game called "Mariposa."

In art class, students created individual monarch butterflies by dripping water color paint on diffusion paper, and then using a Sharpie to draw the pattern on the butterflies' wings. The students also created a composite "Ambassador" butterfly, and compiled postcards, a flag, a letter, and other gifts. The package then made a "symbolic migration" to an elementary school in Mexico near the monarch sanctuary, where the students' work will be displayed throughout the fall and winter.

### ❖ Fairfax Elementary School

It's a big year for Fairfax! The IB World School application was submitted on Sept. 30, and now we wait to hear of our Authorization visit dates. We are ready!

The teachers and students are living the learner profile and having fun engaging in active learning. Most grade levels are beginning their second units of inquiry. We are starting to explore concepts such as cycles, changes over time, extinction, adaptations, and culture.



### Online Portfolios

Canterbury, Fairfax, and Roxboro students are using Seesaw (K-2nd) and Google Sites (3rd-5th) to showcase the learning happening in school. If you haven't seen anything from these lessons, please ask your child to share.

### Call for IB ACTION at Roxboro, Canterbury, & Heights Middle

Our newest bulletin board is called "Active, Lifelong Learners" and staff, students, and families are encouraged to share pictures of things they do outside of school to keep fit in mind and body. Thank you for emailing me your picture (m\_garcar@chuh.org) or tweeting it to me in the moment (@melissagarcar12).

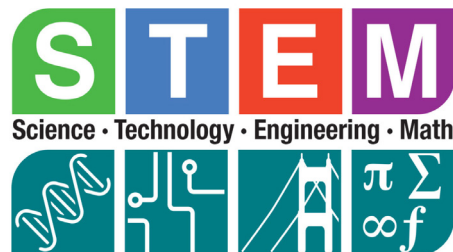
## Boulevard Elementary & Gearity PDS

Boulevard and Gearity, the District's two STEM focused schools, have started the year out on an exciting note. Both schools are preparing for end-of-trimester capstone presentations. The capstone presentations are a great way for students to synthesize their learning from the trimester to an audience of other students, teachers, district personnel, parents, and community members.

Boulevard will host its fourth capstone presentation on Tuesday, Dec. 5. Parents and community members are invited to come view our capstones between 9:00-9:30 a.m. The PTA meeting will immediately follow the capstone presentations.

Both STEM schools will implement coding for their students this year. Boulevard is implementing GoogleCS First into the bi-weekly technology time for students. Gearity plans to infuse coding into the science/math classrooms using a program called Tynker. This exposure to coding will provide our students with the 21st century skills that are so important in a STEM focused society.

Gearity and Boulevard will both be hosting after-school clubs in collaboration with the National Inventors Hall of Fame. The club is a week long club that allows students to be immersed in the design process through exciting and fun design challenges. Boulevard's club will begin on Nov. 13. Gearity will host the same club this winter.



## What Is STEM?

STEM stands for Science, Technology, Engineering, and Math. STEM students are engaged in designing solutions to challenges throughout the year, encouraging problem-solving skills across all subjects. Students learn by doing, and the solutions they design are one of the tools we use to assess students' understanding of key concepts. STEM students are groomed to be successful risk-takers and independent thinkers.



### ❖ Roxboro Elementary School

What a great start to the school year! Our students have been busy exploring the central ideas of their IB themes. All grades are working on unit #2 and parents can see this curricular content on our school website or grab a copy of our Program of Inquiry when visiting the school.

If you visit the library, check out the 4th grade robots that have been created to solve an environmental issue or chat with a 2nd grader to hear about their recent trip to the WKYC news station to connect their learning on weather issues to real-life careers! Maybe you'd like to know more about our community? Ask a Kindergartener or 1st grader and they will tell you what makes a community great!

Do you love nature? Grade 3 just finished learning about traits and survival of living things, while many of our Roxboro students have experienced the lifecycle of a butterfly first hand! We also have a new garden, thanks to Ms. Bishof and caring Rox families! We can't wait to see what grows!

Our 5th graders, in their 2nd planner, are learning about economics and governments. Who knew scarcity could be so much fun! You know what wasn't scarce--the donations that poured in for fellow citizens in Texas! Between Canterbury and Roxboro, the District shipped five large boxes of school supplies to a school in Houston!



**SAVE THE DATE:** February 26-27, 2018 - IB evaluation visit. Please let Mrs. Garcar know if you would like to be part of the interview on the Feb. 26 at 2:30 p.m.

**IB SURVEY:** Responses to the online IB survey are due Tuesday, Nov. 21, 2017. Look for the link sent from Mrs. Pulling on Oct. 15, 2017.

### ❖ Heights Middle School

Both Monticello and Roxboro Middle Schools are authorized IB World Schools. While each building remains separate in the eyes of the Ohio Department of Education and IB, we truly have blended the students and teachers. The grade level teams are combined for common planning and reflection of IB units and lessons. Field trips are being planned, guest speakers being arranged, and hands-on learning is taking place.



Our 6th graders recently traveled to the Natural History Museum and our AVID students have taken their first college visit. Our Chinese students made us proud at the annual CSU Confucius celebration at the end of September.

This year, the IB Approaches to Learning (AtL) skills--thinking, social, self-management, communication, and research--

are a building-wide focus. When collaboratively developing IB units and daily lesson plans, teachers are embedding the AtL skills. Teachers are providing students with daily feedback on the development of AtL skills through learning engagements, self-reflection, and formative assessment.

"The focus of AtL in the MYP is on helping students to develop the self-knowledge and skills they need to enjoy a lifetime of learning. AtL skills empower students to succeed in meeting the challenging objectives of MYP subject groups and prepare them for further success in rigorous academic programs."

-From Principles Into Practice



## What Is IB?

The International Baccalaureate® (IB) offers a continuum of international education. The programmes encourage both personal and academic achievement, challenging students to excel in their studies and in their personal development.

In order to teach IB programmes, schools must be authorized. Every school authorized to offer IB programmes is known as an IB World School.

### ❖ Primary Years Program

The PYP prepares students to become active, caring, lifelong learners who demonstrate respect for themselves and others and have the capacity to participate in the world around them. It focuses on the development of the whole child.

### ❖ Middle Years Program

A challenging framework that encourages students to make practical connections between their studies and the real world, the MYP is inclusive by design; students of all interests and academic abilities can benefit from their participation.

CH-UH currently offers both the PYP and MYP programs.

### ❖ Authorized Schools

Canterbury Elementary  
Roxboro Elementary  
Monticello Middle  
Roxboro Middle

### ❖ Candidate School

Fairfax Elementary

