



ZEBULON GIFTED & TALENTED MAGNET

MIDDLE SCHOOL

Center for Advanced Studies and STEM



EAST WAKE MAGNET

HIGH SCHOOL

iTech & Design

Eastern Wake Business Alliance

Career & Technical Education

WCPSS Career Development

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Zebulon Middle Facts



Student/teacher ratio: **14.3** 

Number of students: **717**

Racial breakdown:

African **43.9%**

American:

Hispanic: **31.1%**

White: **18.4%**

Two or more
races: **5.3%**

Asian: **1.1%**

American Indian: **0.1%**

Free/discounted lunch recipients: **49.5%** 

ZGTMMS School Improvement Plan

VISION:

At Zebulon Gifted and Talented Magnet Middle School: Center for Advanced Studies and STEM, our vision is to empower young scholars with the knowledge, skills, and innovative mindset needed to shape the world of tomorrow. Through rigorous education and a focus on advanced studies and STEM disciplines, we will nurture their unique talents and gifts, fostering a community of forward-thinking leaders who will confidently design and shape a brighter future for all.

Core Values

1. We will establish meaningful relationships with each student and create collaborative classroom communities.
2. We will facilitate learning by implementing rigorous and relevant core and elective curricula that actively engage all students.
3. We will provide essential support and enrichment opportunities required for students to surpass their academic potential.
4. We will foster a collaborative partnership between parents, caregivers, guardians, school community and the school to empower student success.
5. We will provide a specialized and enriching educational experience that nurtures the unique gifts and talents of all students, while fostering excellence through Advanced Studies and STEM.
6. We will implement by implementing initiatives, programs, and services that cater to students' emotional and psychological needs, fostering a positive and inclusive school environment, and equipping both students and staff with essential tools to navigate challenges and promote overall well-being.

East Wake Facts



EAST WAKE MAGNET
HIGH SCHOOL

iTech & Design



WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Student/Teacher Ratio:

Enrollment as of 12/7/23: 1695

12th- 368

11th- 380

10th- 446

9th- 501

Racial Breakdown

Black/African American: 43%

Hispanic: 35%

Caucasian: 17%

Native Hawaiian/Pacific Islander: 1%

American Indian/Alaskan Native: 1%

Two or More: 3%

Free/Reduced Lunch recipients: 43.2%

EWMHS School Improvement Plan

EWMHS Vision:

EWHS envisions a future where every student emerges as a leader equipped with design thinking and technological skills to tackle challenges with confidence, creativity, and collaboration skills.

EWMHS Mission:

East Wake High School will empower all students to become innovative thinkers, creators, and problem-solvers, cultivating college and career-ready leaders and valuable contributors to the community.

Core Values:

East Wake High School will:

Encourage and model integrity, compassion and creativity.

Provide engaging, rigorous, and relevant instruction to prepare all students to be critical thinkers and problem solvers.

Provide a safe, respectful learning environment.

Partner with our *community* stakeholders to fully achieve our shared vision. (Indicator 1.06)

Magnet

Dr. Keauna Price

Magnet Coordinator

Family Engagement Coordinator

kvprice@wcpss.net

919-365-2625, ext 24217

East Wake
iTech & Design
Magnet High
School

What's new?



iTech & Design Theme Essentials

Students use design thinking in all areas creating a personalized learning environment in which they build their voice, choice, and creative expression.



iTech & Design Theme Essentials

WTCC/NC State higher education partners, business, industry and community partners provide students and staff hands-on and authentic high-tech learning experiences.



iTech & Design Theme Essentials

Offers the early college model of dual-enrollment in partnership with WTCC through an Associate's Degree of Arts or Associate's Degree of Applied Sciences.



iTech & Design Theme Essentials

Theme-specific electives
and industry-supported
design challenges.



iTech & Design Theme Essentials

Program prepares students
for work in an
interconnected and highly
automated industry culture.



iTech & Design Theme Essentials

AVID (Advancement Via Individual Determination) program prepares students for success in college and beyond by engaging students in inquiry and problem-solving processes and organizational strategies.

What is Career & Technical Education?



Our Career and Technical Education (CTE) program aims to prepare students for employment opportunities, advanced education and productive lives.

CTE promotes best practices that enhance teachers' efforts to improve student achievement and encourage responsible career choices. We want to meet students' needs, cultivate their abilities and help them realize their aspirations.

Middle school students are offered exploratory courses in business and information technologies, life skills, technology systems and career decisions.

In high schools, introductory courses are available at grades 9 and 10, with advanced and specialized instruction in 11 and 12. We have agriculture, business and information technology, career development, health occupations, family and consumer sciences, marketing, technology, and trade and industry.

What is a Career Development Coordinator?

Each middle school has a 50% Career Development Coordinator to support the school-to-career connection and facilitate business alliance activities.

Each high school has a 100% [Career Development Coordinator](#) to support students and find internships and job-shadowing opportunities. Special Populations Coordinators provide support services for qualifying students. Dual enrollment and advanced placement opportunities are available at local community colleges.



CTE = Real World Skills!

CTE 2023 Summer Career Accelerator Program
@ EWMHS! Infant CPR!

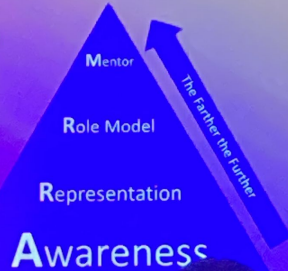
RECIPE FOR ACHIEVEMENT

Ingredient 4: Seek out and heed the advice of someone who has best achieved your goal. *Identify the path.*

Ingredient 3: Define your goals and find others to emulate

Ingredient 2: Know that it's possible or have the capacity to imagine oneself doing it

Ingredient 1: Know it exists



Aviation Symposium,
Orlando FL 11/12-11/14
Bringing Aviation into the
classroom! Words by Captain
Barrington Irving!



Be Pro Be Proud Truck
Event 10/19-10/20



Captain Barrington Irving Jr. is a Jamaican-born American pilot who previously held the record for the youngest person to pilot a plane *around the world solo*, a feat he accomplished in 2007. He is also the first *black person* and first Jamaican to accomplish this feat. His aircraft, a Columbia 400 (*Cessna Corvalis 400*), is named the "Inspiration." It was manufactured and assembled by the Columbia Aircraft Mfg. Co. in 2005 using over \$300,000 in donated parts.

Course Planning for Students

Based on Career Cluster interest help students line up CTE courses for 6th -12th grade... as WCPSS have so many options...

* [6 Early Colleges](#)

* [Magnet High Schools](#)

* Base High School Career Academies

[EWMHS Academy of Life Science](#)



High School CAREER PATHWAYS are CRITICAL to Career Exploration!

What is a Business Alliance ?

The Wake County School-to-Career program is supported by a volunteer council and aligned with our Career-Technical Education curriculum. Joining our alliance is always free. YOU, our business community join forces TOGETHER to design programs and activities that will prepare our youth for future career development success.

Middle and high school-based business alliances are partnerships between business leaders, educators and Career Development Coordinators to help every student make responsible, productive career choices by assisting with activities at school and in the workplace. Business Alliances get involved with career fairs, practice job interviews, discussions about business ethics, field trips, site tours, internships, guest speaking and resumé reviews to mention a few.

Introducing our NEW Business Alliance CHAIR for 2023-24

Michael Germano

Check out our Student Successes!

Student Guest Speakers:

Destiny Achua, Senior-Health Science Pathway, AP Psychology, Internship Candidate

Yahir Ponce-Avila, Senior-CCP Construction Management Technologies, SHOOK Apprenticeship

Daniel Taboada-Del-Aguila, Senior-Carpentry Pathway, OSHA 10 Certified, NCCER Certified, SHOOK Apprenticeship

Kaylee Frazier, Senior-Early Childhood Pathway, Intern Wendell Elementary

Desimon Ksor, Senior-Engineering Pathway, US Army Recruit

ZGTMMS Plans for 2023-24

- Magnet School Electives - Guest Speakers in ALL 5th period magnet electives
- Zebulon Middle HOSA - American Red Cross Blood Drive Please sign up or encourage your business colleagues to sign up! Event date is Thur. Jan. 24! Sign up [here](#)
- [Zebulon Downtown Business Immersion](#) - Tue Feb. 20 or Mon March 11
- [College/Career/Military Fair](#) Tue. April 9 (8:30am-2:00pm) Sign up [here](#)
- [OSLE 8th grade](#) – 3 CC per month Nov-April
- [College visits](#) – 1 per month [Jan-May](#)
- [Financial Event](#) (SECU) June TBA
- [Junior Achievement Events](#) TBA

ZGTMMS Truck Fair A SUCCESS! - [video](#)

Agriculture, Animals and Natural Resources

Rouse Farming

Architecture and Construction

Any Day Heating & A/C

Carolina Concrete

JT Hauling & Grading

Muter Construction

Arts, A/V Technology and Communications

East Wake TV

Education & Training

East Wake High School - Automotive

Government & Public Administration

Zebulon Public Works

US Postal Service

Health Sciences

Wake County EMS

Human Services

William Toney's Funeral Home

Zebulon Parks & Recreation

Hospitality and Tourism

Cousins Maine Lobster Food Truck

Legacy Tours

Law, Public Safety & Security

Wake County Sheriff Dept

US National Guard

Zebulon Fire Dept

Zebulon Police

Marketing, Sales & Services

MZ Chevrolet of Zebulon

Science, Tech, Eng & Math

Wake Electric

Transportation, Distribution & Logistics

US Foods

**Guest Speakers @ ZGTMMS so far this
year...**

Zebulon Police Dept

Zebulon Fire Dept

Baxter Bee's

Saddle Up and Read

Accenture - Hour of Code

***THANK
YOU!!***

Deck the Hallz - Friday Dec. 8 - Zeb Town Hall

Zebulon GT Magnet Middle School

*FCCLA - Coloring with children and giving away books from Wake Up and Read

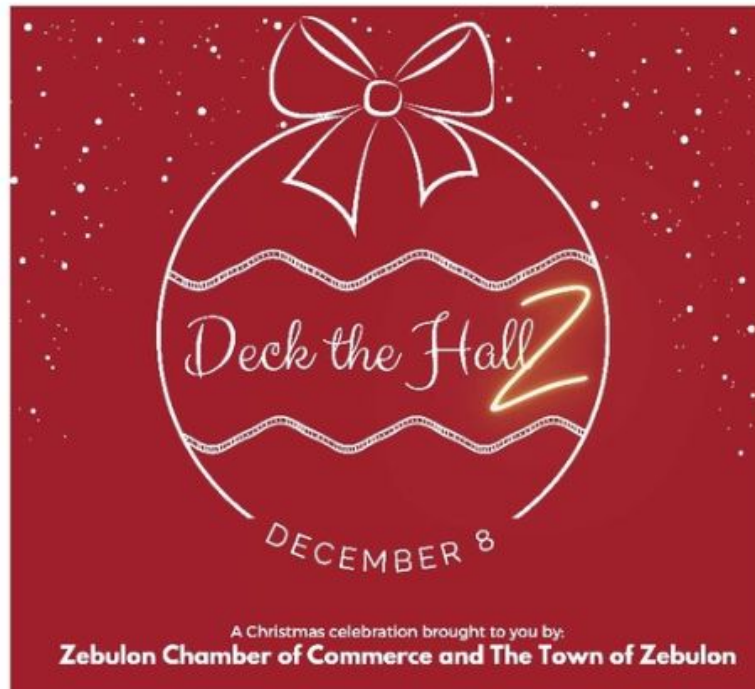
*HOSA - Registering community members for the ARC Blood Drive and Be The Match

*ZGTMMS Dance Team

*ZGTMMS Orchestra

Zebulon Town Hall

5:00-9:00pm



EWHS Plans for 2023-24

- SHOOK Construction Tour December 6th (student apprentices!)
- Community BA night-EWMHS January 16th 5pm-? Dinner provided and Free Ticket to the Men's Basketball game vs. Fike High School!
- College Connect Day Feb 22
- Mock Interviews (ongoing)
- Career Fair Thur. Feb 29 (will need participants 8am-1pm and possibly in the evening)
- Xtreme Beginnings-April 25, 2024
- Need internships/apprenticeship opportunities for students
- Reality of Money-April 18th 2024

Next Steps

Please take time to complete the following survey for WCPSS CTE Comprehensive Needs Assessment by Dec. 15 by clicking [here](#).

Next EWBA Meetings - Zebulon GT Magnet Middle School

***Thur. Feb. 8 ZGTMMS 4-5pm**

Zebulon Chamber After Hours 5-6:30pm

Share Contacts with Us!

We are a team, and together everyone achieves more !

So.. It's your time to share....

We need You !

See link [here](#) !

Type in <https://tinyurl.com/3bv9zeyr>

How can you help students be college & career ready?

- Be an active member of our Eastern Wake Business Alliance
- Share your contacts with Barnanne & Katie
- Offer to guest speak about your career
- Open your business for a tour
- Offer your skills to career mentor a student or a student group
- Sponsor/mock judge a student CTSO project for their competitions
- Donate pens, pencils, notebooks, swag from your business





*A special
Thank You to
Food Lion of
Wendell
for providing
lunch today!*

**The future
depends on
what you do
today.**

-Mahatma Gandhi

*Thank you for
supporting
your
community
schools!*