



**ZEBULON GIFTED & TALENTED MAGNET**

MIDDLE SCHOOL

*Center for Advanced Studies and STEM*



**EAST WAKE MAGNET**

HIGH SCHOOL

*iTech & Design*

# **Eastern Wake Business Alliance Kick Off 2023-24**

Career & Technical Education  
WCPSS Career Development

**Barnanne Creech (ZGTMMS) & Katie Coble (EWMHS)**

# 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%** 

# East Wake Facts



**EAST WAKE MAGNET**  
HIGH SCHOOL

*iTech & Design*



**WAKE COUNTY**  
PUBLIC SCHOOL SYSTEM

Student/Teacher Ratio: **1:18**

Enrollment: **1717**

12th- 366

11th- 389

10th- 457

9th- 505

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: **43.3%**

# **A day in the life of a middle schooler (6th, 7th & 8th)**

- A day & B day
  - attending 3 core classes every day - ELA, Math, Science/Social Studies
  - Attending 2 electives on A day and 2 electives on B day = 4 electives each 9 weeks
- 5 periods a day (each period 65 minutes)
- 30 min WIN time each day
- [Athletics](#) for 7th & 8th graders
- [Wide variety](#) of [after school clubs](#)



# A day in the life of a high school student...

- 7:25-2:18 Monday-Friday
- 1st - 3rd and 5th periods each lasting approximately 1 hour 30 min
  - Seminar/Lunch is 4th period (AVID lessons, Remediation, and Reward)

\*Advancement Via Individual Determination provides professional learning for educators to close opportunity gaps and improve college and career readiness for middle and high school, especially those traditionally underrepresented in higher education by offering lessons which support organizational and critical thinking skills. The AVID program is designed to instill and strengthen academic habits which support leadership and participation in a democratic society.

Classes include core subjects plus CTE, Fine Arts, Band, Foreign Language and/or Physical Education electives .

- Athletics & a variety of clubs for student participation



# 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.

# **EWMHS School Improvement Plan**

## **EWMHS Vision:**

EWMHS 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 Magnet 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 Magnet 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.

# What is a Business Alliance ?

Your business can join others, civic organizations, and higher-education institutions in providing relevant, realistic experiences that help students see the connection between academic success today and career success tomorrow. The Wake County School-to-Career program is supported by a volunteer council and aligned with our Career-Technical Education curriculum.

Middle and high school-based business alliances are partnerships between business leaders and educators 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.

WCPSS Regional BA Chairs - see handout  
[School to Career Volunteer Superintendent's Breakfast Oct 2022](#)



# **Project Elevate**

## **US Dept of Education- Magnet Schools Assistance Program**

Written by WCPSS Magnet Office

### **Eastern Area Focus:**

- Wendell Magnet Elementary
- Wendell Magnet Middle
- Zebulon Magnet Middle
- East Wake Magnet High

# Data Analysis: Business Focus Group

- Problem-solving skills –
  - PBL earlier options – ES and MS
- Creativity
- Customer service skills
- Collaboration, communication, critical thinking, creativity, confidence, character, career aspiration (expose students to careers early), content and citizenship
- Adaptability
- Flexible and able to operate with uncertainty
- Thinking about solutions and finding information for themselves
- Strong writing skills

## Notes from Wake Business Panel - 10/13/21

**Participants:** Catherine Barone (NC Apprenticeship Program, former WCPSS Career Development Coordinator); Douglas Price (Wake Ed Partnership); Bill Seyler (retired Chair of School to Career, ACE Mentoring Chair); Hwei Chen-Lee (National Institute of Health at RTP); Jennifer Sabourin (Research Scientist SAS); Hardin Engelhardt (VP Engagement Marble Kids Museum); Keith Poston (Wake Ed Partnership); Jan Kuehne (Management Coordinator NCTAP)

“We believe kids can only aspire to be what they can see.”

Skills and competencies looking for in new hires?

## Data Analysis: Business Focus Group Results Continued

- Innovative student opportunities – i.e. Experiential learning experiences (earlier – don't wait for HS), expose students to variety of career pathways
- Mentoring, chance to learn from adults in the field, presentations to business panels
- Leadership programs that are tailored less toward “natural leaders” and more toward all students
- High vocational needs – CTE, certifications, credentialing, needs to expand CTE offerings
- Computer science
- Evolving technologies

# Influence in the School Project Designs



- Design Thinking
  - The iterative process
  - Empathy
  - Ideating
  - Prototyping
- College and Career Ready
  - Dual Enrollment through Wake Tech
  - AVID K-12
  - Community partnerships for authentic experiences
  - Partnership w/Wake Tech beyond dual enrollment

**Where do you fit in the equation?**

# 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.

# CTE - Real World Skills in a Classroom



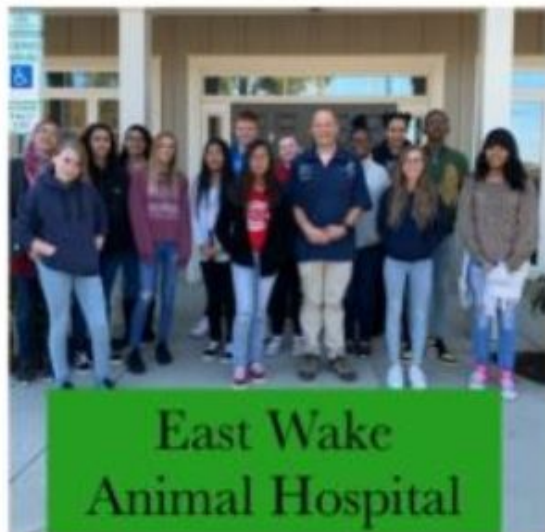
# What is a Career Development Coordinator?

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.



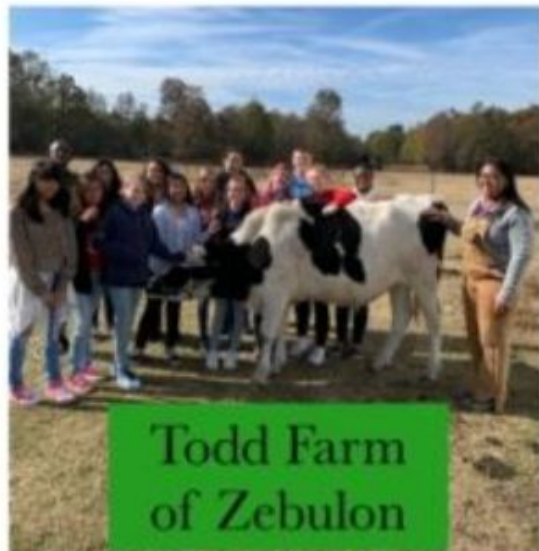




East Wake  
Animal Hospital



The Fetching Post



Todd Farm  
of Zebulon



PIC-COLLAG

PIC-COLLAG



PIC-COLLAG

## Agriculture, Animals and Natural Resources

# ZGTMMS Career Development Programming

- All students take a [Career Survey](#) @ ZGTMMS
- All WCPSS 8th - 12th grade have access to [Major Clarity](#) for career surveys
- Students taught about the [16 career clusters](#)
- Students choose CTE [courses](#) based on career cluster interest which often align with [EWMHS career pathways](#).
- Activities/Events are lined up based on students results of their career survey

\*[Virtual](#) & [In person Guest Speakers](#)

\*[Off Site Learning Experiences](#)

\*[Job Shadow Experiences](#)

\*[After School Clubs](#)

\*Virtual & In Person [Truck Fairs](#)

\*Virtual & In Person [College & Career Fairs](#)



# 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](#)

**2nd Annual Eastern Wake Early College**

**& Magnet Info Session - Thur 2 6-7:30pm**



# ZGTMMS Plans for 2023-24

- Magnet School Electives - Guest Speakers in ALL 5th period magnet electives
- [Truck Fair](#) – Thur. Nov. 16 (8:30am-2:00pm) [See here!](#)
- [College/Career/Military Fair](#) Tue. April 9 (8:30am-2:00pm)
- [OSLE 8<sup>th</sup> grade](#) – 3 CC per month Nov-April
- [College visits](#) – 1 per month [Jan-May](#)
- [Financial Event](#) (SECU) June TBA
- [Junior Achievement Events](#) TBA

# EWMHS Plans for 2023-24

- Evolve Youth Caucus Oct. 17
- [Be Pro Be Proud](#) Trades Day Event Oct 19-20th
- College Connect Days October 26th and Feb 22
- ASVAB and Family Engagement Night Nov. 9th 5-7pm
- Great Xplorations November 30th ([Volunteers 8:45-12](#))
- Mock Interviews (ongoing)
- Career Fair Thur. Feb 29 (will need participants 8am-1pm and evening to support community engagement )
- Industry Tours (TBD)
- Need internships/apprenticeship opportunities for students
- Reality of Money-Spring 2024

# 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



# 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>

# Next Steps

Next EWBA Meetings:

\*Thurs. Dec 7th EWMHS 12-1pm

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

Zebulon Chamber After Hours 5-7pm

\*Spring date TBD





WORK IT DAILY INSPIRATIONAL CAREER QUOTE

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- CONFUCIUS

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