

Roanoke County Public Schools



Specialty Centers

The Specialty Centers are located at the Arnold R. Burton Technology Center



Specialty Centers

- Concentrate on students' special interests or talents
- Offer students choices to focus their learning experience
- Provide rigorous courses to students who have specific interests and career goals
- Enable students to work closely with a cohort of like-minded peers

Engineering

Mass Communication

Performing Arts

Visual Arts
And Museum Studies

Commonalities



- Rigorous and in-depth curriculum
- Weighted credit for classes beginning in the 10th grade
- Unique opportunities to work with professionals in the field
- Real-world experiences

Other Considerations...

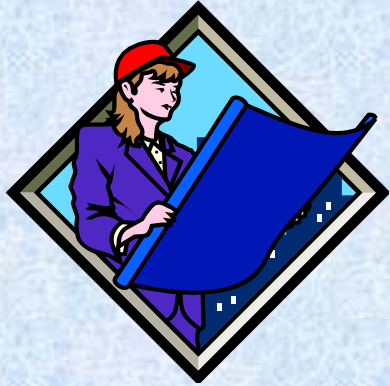
- Home school membership
- Competitive application process
- Zero period specialty course
- Return to home school by 2nd period
- Zero period transportation responsibilities





Center for Engineering

- Rigorous curriculum and advanced studies leading to college credit
- Focus on both practical and theoretical aspects of engineering
- Integrated engineering, mathematics, and science coursework



Grade 9

Introduction to Engineering I
Algebra II

Grade 11

Engineering Methods
AP Calculus AB
Advanced Chemistry
Integrated Physics

Center for Engineering



Grade 10

Introduction to Engineering II
Integrated Precalculus

Grade 12


Engineering Research
Advanced Calculus
Engineering Professional
Development and Internship

Center for Mass Communication



- Four-year program in the study of the television, radio, and print media industries
- Hands on instructional approach
- Integrated coursework





Video and Still
Photography

Audio/Video
Production

Desktop
Publishing

Ethical and Legal
Industry Issues

Public Speaking
&
Script Writing

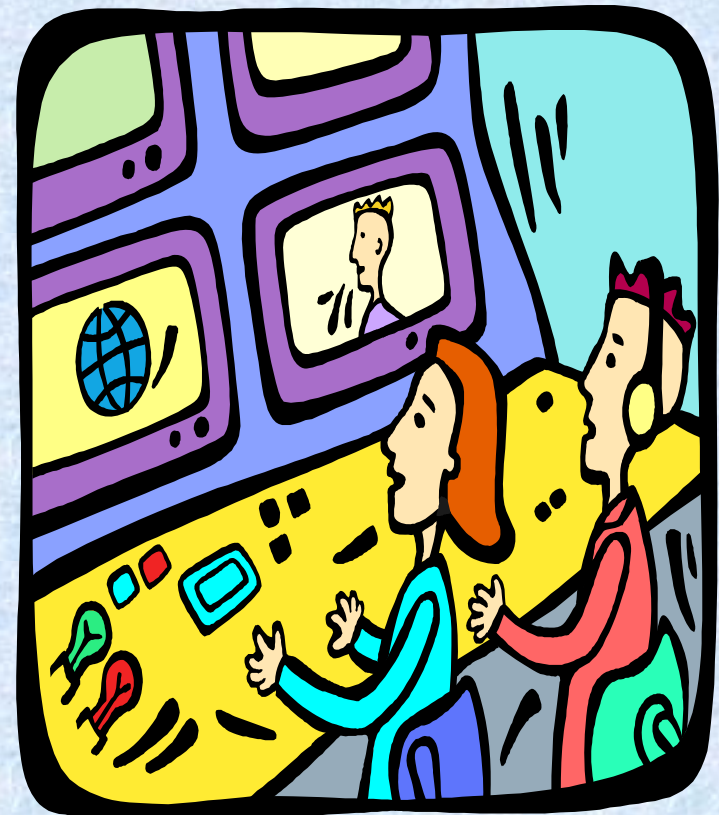
Advertising

Copywriting
&
Reporting

Graphic Design

Program of Study

- **9th Grade: History and Introduction to Mass Communication**
- **10th Grade: Media Production I**
- **11th Grade: Media Production II**
- **12th Grade: Applied Media Production
Media Production Internship**



Center For Performing Arts



Students will have opportunities to work with teachers and professionals to hone performance skills.



Career Directions

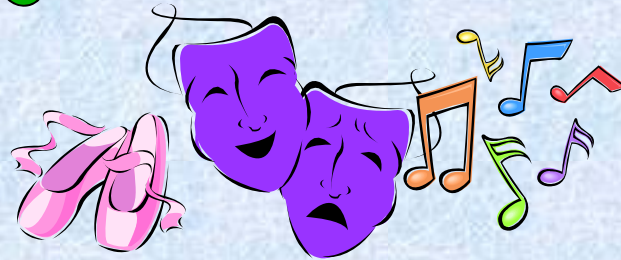
- Acting
- Directing
- Choreographing
- Performing
- Teaching
- Talent Management



Areas of study

- Vocal instruction
- Musical training
- Dance movement
- Stage production
- Theatrical training

Center for



Performing Arts

- **9th Grade**
 - Performing Arts I
- **10th Grade**
 - Performing Arts II
- **11th Grade**
 - Performing Arts III
- **12th Grade**
 - Performing Arts IV



This center....

- ★ immerses students in creative visual art experiences that integrate studio work, research, critique, aesthetics and career opportunities.**
- ★ provides mentorship opportunities and interaction with artists, art galleries and museums.**
- ★ cultivates the development of critical analysis, problem solving, design skills and professionalism.**

Center for Visual Arts and Museum Studies

- **Freshman Year – experience art through cultures and museum studies**
- **Sophomore Year – study many art mediums through artists and museum studies**
- **Junior Year - focus on personal art styles and create a personal portfolio**
- **Senior Year – internship with artists / businesses and continue creating a professional portfolio in AP Studio Art**

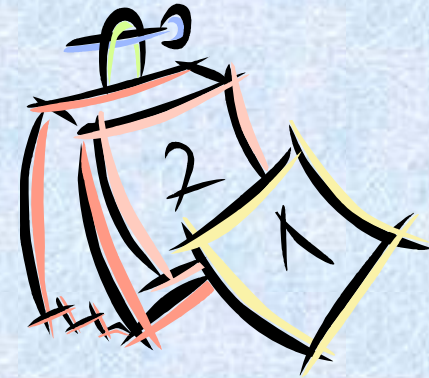
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IMPORTANT DATES



- **November 1 – 14, 2007**
 - Virtual tours and presentation of Specialty Centers at the middle schools
- **November 9, 2007**
 - Applications available at middle school guidance offices
- **November 19, 2007 @ 6:00 PM**
 - Specialty Centers Open House at Arnold R. Burton Technology Center for 8th grade students and parents
- **January 28, 2008**
 - Applications due to middle school guidance counselors
- **February 27, 2008**
 - Student's notification of acceptance to a Specialty Center mailed

For further information contact :

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Arnold R. Burton Technology Center

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Learning for all...whatever it takes.

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