Wildcat 7th Grade Registration
Wildcat Planning Tool for 7th and 8th grade

Fill in the following guide to help you plan your elective classes for 7th grade and 8th grade. Keep in mind that a music elective will take up 4 slots each year because classes are every day.

7th Grade Semester 1		7th Grade Semester 2	
All year A&B Days		**All year A&B Days**	
English Math Life Science Geography		English Math Life Science Geography	
7th Grade A Day	**7th Grade B Day**	**7th Grade A Day**	**7th Grade B Day**
HE/PE	Elective	HE/PE	Elective
When choosing electives keep in mind that music takes place on A and B days for the whole year.			
Music	Music	Music	Music
OR		OR	
Elective	Elective	Elective	Elective

8th Grade Semester 1		8th Grade Semester 2	
All year A&B Days		**All year A&B Days**	
English Math Physical Science U.S. History		English Math Physical Science U.S. History	
8th Grade A Day	**8th Grade B Day**	**8th Grade A Day**	**8th Grade B Day**
HE/PE	Elective	HE/PE	Elective
When choosing electives keep in mind that music takes place on A and B days for the whole year.			
Music	Music	Music	Music
OR		OR	
Elective	Elective	Elective	Elective

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- 🖩 **7th Math**, Pre-Algebra, or Algebra
- 📖 **English** or Honors English
- 🎽 **Health Enhancement** all year/2 Electives (A/B Day)
- 🔬 **Life Science**
- 🌐 **Geography**
- 🎵 Music (every day) OR 4 Electives (A/B day)

Semester Elective Classes (A/B day) options:

Many of these classes are offered in 7th and 8th grade. However each elective can only be taken one time in middle school. As you begin planning the next two years consider not taking all your favorite classes your 7th grade year and leaving you with none of your most favorites in 8th grade. You will rank your electives choices from 1-9. Classes are listed in alphabetical order. An electronic version is at bit.ly/BenSteele7 and if you click on the underlined titles you will get more information.

Art 2-2D Art Fundamentals*

In 2D Art Fundamentals, students expand their knowledge of Art. The Elements of Art will be reviewed, and the Principles of Art will be introduced. Students will explore:
- Drawing and painting techniques using two dimensional media
- Art history and critique will be explored
- And more

Art 3 3D Art Fundamentals*

In 3D Art Fundamentals, students will expand their knowledge of art. Students will explore:
- Sculptural techniques using three dimensional media
- Study forms from different points of view
- And more

Flight 1

The exciting world of aerospace comes alive through Flight and Space. Students explore the science behind aeronautics and use their knowledge to design, build, and test an airfoil. Custom-built simulation software allows students to experience space travel and explore:
- Building and testing projects
- What is required to travel, live and work in space
- History of aerospace

Computer Science 1

This course takes a wide lens on computer science by covering topics such as programming physical computing, HTML/CSS, and data. Students will explore:
- Problem Solving with Computer Code
- Website creation with HTML/CSS
- Creation of Animation and Games

Computer Science 2*

Computer Science 1 is a prerequisite

Following the skills learned in CS1 of HTML and CSS students will create a game in game lab and then their own app using the design process but implementing data. At the end of this course student use circuit playground and a maker toolkit to create. Students explore:
- Animations and Games
- The design process
- Data and society
- Physical computing

Dig It 2 (Digital Literacy)

Students work collaboratively on projects while effectively using technology. They increase skills for academic and career readiness. Students will explore:

- Advanced Google Suite creations
- Global communication
- Coding Introduction
- Genius Hour/Passion Project
- Website development as a portfolio
- And More

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Wildcat 7th Grade Rankings

7th Math, Pre-Algebra, or Algebra
English or Honors English
Health Enhancement all year/2 Electives (A/B day)

Life Science
Geography
Music (every day) OR 4 Electives

Your Name:

_____

Music Selection:
Check your choice

☐ Band   ☐ Choir   ☐ Orchestra   ☐ None

Semester classes A/B day options:
Semester elective classes A/B day options:

*Grade 7 students who choose a music will have 2 elective options. If you do not choose a music you will have 6 elective options. Each student needs to prioritize the following electives. Place a **1** in front of the elective that would be your first choice. Place a **2** in front of the elective that would be your second choice, and so on through 9. *Indicates prerequisite required*

_____ Art 2
_____ Art 3
_____ Computer Science 1
_____ Computer Science 2*
_____ Dig IT 2 (Digital Literacy)
_____ Empower 1
_____ Empower 2*
_____ Flight 1
_____ Intensity
_____ Spanish 1
_____ Spanish 2*
_____ Tech and Engineering 1
_____ Tech and Engineering 2*

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Empower 1

This is a multifaceted course that helps students explore many real life issues and skills. Students will explore:

- Managing Roles and Responsibilities
- Consumer and Family Resources
- Food production and consumer science
- Interpersonal relationships
- Textiles, fashion and apparel

Empower 2*

This is continuation of Empower 1 which helps students explore many real life issues and skills. Students will explore:

- Managing Roles and Responsibilities
- Consumer and Family Resources
- Food production and consumer science
- Interpersonal relationships
- Textiles, fashion and apparel
- Entrepreneurship

INTENSITY

Intensity is a movement-based course with an emphasis on fitness and lifetime activities. Students will explore:

- Lifetime activities
- Movement in physical education

Tech and Engineering 1

Using formal and informal design students apply numerous academic concepts through practical activities. Students explore:

- Woods Lab - machine safety
- Measurement - understanding the metric and customary measurement systems
- Design - Block puzzle creation
- Practical Mathematics - Creating a Late Brake Aero Racer using measurement, applied mathematics, research and testing

Music

This course is year long and meets everyday.

Band

Students participate in concerts, assemblies, outreach, jazz bands and small group ensembles.

Orchestra

Students continue their playing of violin, viola, cello, or double bass. They will perform in a variety of formats.

Performance Choir

Students sing in groups large and small and develop an appreciation for a wide range of choral music.

Spanish 1

This fun interactive course is filled with diverse multimedia language activities. Students explore:

- Introduction to Spanish

Spanish 2*

Spanish 1 is a prerequisite, it may be taken in 8th grade
This is a continuation of Spanish 1.

Tech and Engineering 2*

This is a continuation of Tech and Engineering 1 and is a culmination of computer design, wood fabrication, and production.

- Aerodynamics - Understanding the underlying forces - Co2 Car design and racing
- Intro to computer design - Adobe Photoshop and Illustrator
- Design - Exploring raster and vector file types and creating laser engraved products

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