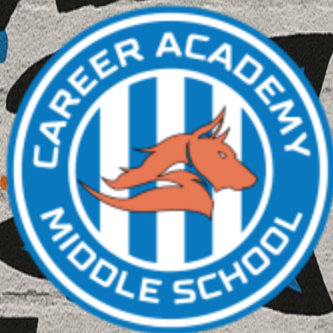


CAREER ACADEMY MIDDLE SCHOOL



TRAILBLAZERS

**COURSE
GUIDE**

3801 CRESCENT CIRCLE DRIVE - SOUTH BEND, IN 46628 | 574.299.9800

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Table of Contents

Middle School Course Selections.....	3
Schedule Structure.....	4
Honors Course Descriptions.....	5
Additional Program Descriptions.....	6
Scheduling Details.....	7

Middle School Course Selections

6th Grade	7th Grade	8th Grade
<u>Core Academic Courses</u> English/Language Arts Mathematics Science Social Studies	<u>Core Academic Courses</u> English/Language Arts Mathematics Science Social Studies	<u>Core Academic Courses</u> English/Language Arts Mathematics Science Social Studies
<u>Health & Movement</u>	<u>Health & Movement</u>	<u>Health & Movement</u>
<u>Honors Courses</u> English/Language Arts Mathematics Science Social Studies Introduction to Agriculture	<u>Honors Courses</u> English/Language Arts Mathematics Science Social Studies Agriculture & Food	<u>Honors Courses</u> English/Language Arts Mathematics Biology – HS Credit Social Studies Agriculture, Food, & Natural Resources
<u>Intervention/Support Time</u> WIN – What I Need SEL – Social Emotional Learning	<u>Intervention/Support Time</u> WIN – What I Need SEL – Social Emotional Learning	<u>Intervention/Support Time</u> WIN – What I Need SEL – Social Emotional Learning
<u>Career & Technical Education Courses</u> Computer & Environmental Science	<u>Career & Technical Education Courses</u> Project Lead The Way	<u>Career & Technical Education Courses</u> Essentials in Engineering
<u>Elective Courses</u> Cadet Band Current Events Entrepreneurship Orchestra Physical Education Visual Art	<u>Elective Courses</u> Concert Band I Current Events Entrepreneurship Orchestra Physical Education Visual Art	<u>Elective Courses</u> Concert Band II Current Events Entrepreneurship Orchestra Physical Education Visual Art

Schedule Structure

Core Academic Courses

English/Language Arts → 2 Semesters ([IN English/Language Arts Standards](#))

Mathematics → 2 Semesters ([IN Mathematics Standards](#))

Science → 2 Semesters ([IN Science Standards](#))

Social Studies → 2 Semesters ([IN Social Studies Standards](#))

*8th Grade Biology → 2 Semesters

* Agriculture → 2 Semesters

**indicates Honors Courses*

Health & Movement

Health & Movement → 2 Semesters ([IN Health & Wellness Standards](#))

Social Emotional Learning (SEL)

Every Monday → 2 Semesters ([IN Health & Wellness Standards](#))

What I Need (WIN)

Tuesday – Friday → 2 Semesters

Career & Technical Education

6th Grade: Computer & Environmental Science → 2 Semesters

7th Grade: Project Lead The Way → 2 Semesters

8th Grade: Essentials in Engineering → 2 Semesters

Elective Courses

Band → 2 Semesters

Current Events → 1 Semester

Entrepreneurship → 1 Semester

Orchestra → 2 Semesters

Physical Education → 1 Semester

Visual Art → 1 Semester

Honors Course Descriptions

Agriculture

This program offers students hands-on experiences in agriculture, technology, business, and sustainability. Through classroom instruction, lab work, and real-world projects, students will explore plant and soil systems, environmental science, food science, and agribusiness.

Whether you're interested in farming, food production, conservation, or agricultural engineering, this pathway lays the groundwork for a wide range of exciting and impactful careers.

Middle School Components:

- a. Basic Plants and Biology – Understanding how plants grow sets a strong foundation for agriculture topics.
- b. Introduction to Ecosystems and Sustainability – Learning how living things interact with their environment helps students grasp agricultural impact on the planet.
- c. Responsibility and Time Management – Agriculture often involves managing living organisms and time-sensitive tasks, so being reliable is key.
- d. Fundamental Math and Measurement Skills – Accurate measuring and basic math are essential for planting, feeding, and managing resources.
- e. Understanding of Science Based Information – Students will need to rely on fact-checking and utilizing scientific journals and studies to determine fact from opinion.

8th Grade Biology

Biology provides, through regular laboratory and field investigations, a study of the structures and functions of living organisms and their interactions with their environment. At minimum, this study explores the functions and processes of cells, tissues, organs, and systems within various species of living organisms and the roles and interdependencies of organisms within populations, communities, ecosystems, and the biosphere. Students have the opportunity to gain an understanding of the history of the development of biological knowledge, explore the uses of Biology in various careers, and cope with biological questions and problems related to personal needs and social issues.

** In order to receive high school credit for Biology, students must earn a grade of "B" or higher, pass the final exam, and receive the teacher's recommendation.*

Additional Program Descriptions

Social Emotional Learning (SEL)

Every Monday

Middle school is a time of change, growth, and life lessons. Our tailored program helps teach students how communicate and collaborate, solve problems, make good decisions, set and meet goals, and process their emotions—skills they'll use in the classroom and for the rest of their lives.

What I Need (WIN)

Tuesday - Friday (Two, 30-minute periods)

WIN provides differentiated instruction to students, allowing for designated time to either catch up in areas where they're struggling or to extend learning in areas where they excel.

Scheduling Details

Elective Course Selections

Elective course selections occur two times per year:

1st Semester Elective Course Selection – at the beginning of 4th Quarter

2nd Semester Elective Course Selection – at the beginning of 2nd Quarter

**Incoming 6th grade students select their 1st Semester elective course preference during 6th Grade Orientation.*

Change Request for Elective Courses – Procedure

Students/parents must formally email Mrs. Reilly and Mrs. Childs requesting an elective course change. Once a request is received, a formal review will take place. If approved by Mrs. Reilly, a course change will occur in Powerschool.

Honors Courses

Students are placed in Honors courses based on i-Ready and ILEARN performance. If academic and/or behavior excellence is not maintained, a formal review will occur after each quarter, regarding the student's placement.

Contact Information

Maria C. Reilly – Principal

574.299.9800 ext. 1101

mreilly@mycanops.com

Brie M. Childs – Guidance Counselor

574.299.9800 ext. 1135

bchilds@mycanops.com