



Summer Exploration

2010

High School Program

Grades 9 - 12

Thomas Jefferson

2501 West Broadway

Council Bluffs, IA



Summer Exploration 2010

**Council Bluffs Community School District
Summer Learning Office
12 Scott Street
Council Bluffs, Iowa 51503**

**Summer Learning Director
Virginia Bowers
(712) 328-6489, x 333**

**Curriculum and Instruction Department
Dr. Ann Mausbach
Executive Director of Curriculum & Instruction
(712) 328-6424, x 322**

**Council Bluffs Community School District
Contact Information:
Thomas Jefferson High School
Summer Learning Office
(712) 328-6493
(Once Summer School Begins)**

The Summer Exploration Program has been made possible through a generous grant from the Iowa West Foundation.



The Schedule

Summer Exploration 2010 will run from June 7 – July 2. Students will have an opportunity to enroll in three courses. Classes will meet for 90 minutes and will run from 8:00 A.M. until 3:00 P.M. with a short break for lunch.

Transportation

Transportation will not be provided.

Breakfast and Lunch

The Summer Exploration program will offer both breakfast and lunch at no cost. Breakfast will be served starting at 7:30 A.M. All students are eligible.

Attendance Site

Summer Exploration 2010 will take place at Thomas Jefferson High School, 2501 West Broadway, for all students entering grades 9-12 for the 2010-2011 school year.

Enrollment

Enrollment for Summer Exploration 2010 will run from April 1st through May 15th. Any student enrolling after May 15 will be put on a waiting list and added to courses based on availability. The enrollment process is easy and convenient as you have a variety of ways to enroll. **(Be sure to consult your school counselor.)**

Enrollment may be completed by:

1. Using the web at www.council-bluffs.k12.ia.us is the best way to enroll. Click on summer learning enrollment and complete the on-line application. You may also print out an enrollment form to fill out and return.
2. Mailing completed forms to the summer school office:

Council Bluffs Community School District
Summer Learning Office
12 Scott Street
Council Bluffs, IA 51503

3. Turning in completed forms to the guidance office of your current school. All forms will be forwarded to the Summer Learning Office.

Course Descriptions

ART



Art Foundations

An exploratory class for all students and abilities. Students will be introduced to a wide range of media in the creation of both two and three dimensional art. ***Students will have the unique opportunity to take this class at the Hot Shops Art Center. It is being offered in the afternoon from 1:30 – 3:30 P.M.***

PHYSICAL EDUCATION



Physical Education

The Physical Education classes are designed to enable students to become physically active, learn the benefits of activity, and acquire a positive attitude toward being active throughout his/her life. The classes will provide opportunities and experiences that allow the acquisition of knowledge and skills to enhance physical, mental, emotional, and social health. The Physical Education program is coeducational with selective offerings in team sports, individual and lifetime activities, dance, strength training, and aerobic conditioning in the fitness center.

ENGLISH

English 9



This course is designed for all 9th grade students. It is an integrated language arts program that combines reading, writing, speaking, listening, viewing and visual/nonverbal communication. Students are expected to read a significant number of books and complete writing assignments using six traits of effective writing.

(ideas, organization, voice, word choice, sentence fluency and conventions) and knowledge of text structure. Writing will include narratives, persuasive compositions, and technical documents, responses to literature, expository essays and research reports. Students will develop skills in writing on demand and in using strategies for listening and viewing comprehension.

English 10

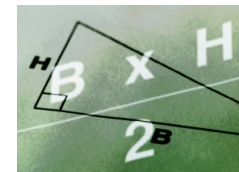
This course is designed for all 10th grade students and integrates reading, writing, speaking, listening and viewing. English 10 includes a survey of world literature and focuses on nonfiction reading and writing with an emphasis on oral communication. Six traits of effective writing (ideas, organization, voice, word choice, sentence fluency and conventions) will be developed through a variety of writing and speaking practice.

English 11

This course is designed for all 11th grade students. It will help students develop their critical reading, writing, speaking, listening and viewing skills through the chronological study of American literature. Students will learn a variety of reading strategies and literary analysis skills, and they will apply these strategies and skills as they complete reading assignments. Writing assignments will use the six traits of writing and be analytical and persuasive in nature. In addition, this course will hone students' skills in listening, note taking, vocabulary development, test taking and group discussion to ensure success after graduation.

English 12

This course is designed for all 12th grade students. Students will continue to build skills in reading, writing, speaking, listening and visual/nonverbal communication to prepare them for post-secondary opportunities. This course will be literature based and emphasize literature of the classical tradition and British literature. There is a focus on formal composition, including a term paper.



MATHEMATICS

Algebra 1

The knowledge, understanding and skills students should acquire in Algebra 1 include the following topics: properties and operations with real numbers including exponents; radicals and polynomials; solving a variety of equations, inequalities, quadratics and systems; graphing and writing linear functions; and basic probability and statistics.

Algebra 2

Algebra 2 is a college entrance requirement in many programs. The knowledge, understanding and skills students should acquire include relations and functions; solving systems; graphing quadratics and conic sections; basic operations with rational, polynomial, exponential and logarithmic functions; and problem solving skills used in recursion, iteration, inferential statistics, decision making and informatics.

Geometry

The knowledge, understanding and skills students should acquire in Geometry include points, lines, angles and planes; polygons; quadrilaterals; triangles; right triangles; circles; polyhedra and other solids; vertex edge graphs; mathematical reasoning; and problem solving skills. This course is recommended before taking Algebra 2.

Math Analysis

The knowledge, understanding and skills students should acquire include recursion and iteration; inferential statistics; social decision making; informatics; combinatorics; graph theory; mathematical reasoning; and problem-solving skills. The course relates these concepts to real-world applications including some financial understandings related to such things as taxes, investments, banking services, purchasing as well as interpreting and analyzing consumer research and statistics.

SCIENCE



Biology

Biology is a full year exploration of life. In this course the students will study scientific methods of biology, cells and their processes, genetics, ecology, evolution and biologic diversity.

Global Science

The purpose of this class is to provide students with the science background needed to make informed decisions regarding global issues. This course examines how ecosystems work, population growth, specific types of pollution, weather and climate and alternate energy sources and management. Current global issues are used to help students gain an awareness and appreciation for the world we live in. ***Fontenelle Forest will serve as the “classroom” for this course and provide the background to study these environmental issues first hand. This class will be offered in the afternoon from 1:30-3:30 P.M.***

Physical Science

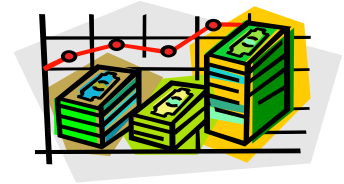
This class will provide students with the opportunity to expand their knowledge of physical concepts, such as electricity and magnetism, chemical interactions and motion and forces. Students will experience many concepts first hand and learn about physical science in our world.

SOCIAL STUDIES



American Government

This class will study the basics of our system of government. Emphasis will be placed on students' understanding of six main areas: foundations of the constitution; political beliefs and behaviors; political parties and interest groups; systems of checks and balances between our three branches of government; public policies; and rights and responsibilities as citizens.



Economics

Students will acquire an understanding of basic economic principles. They will learn about the impact of those principles and how they apply to effective decision-making and financial success as citizens, consumers, producers, investors. How government and global interdependence influence our economic practices will also be explored.



U.S. History from 1890

This course continues the study of American history since the Civil War. The course will cover our nation's social, political, economic and geographic history. The major topics include Industrial Age, Populism, World War I, Depression and New Deal, World War II, Cold War, Kennedy Era, New Republican Era and current issues, events and topics. Emphasis will be placed on critical thinking, note taking and organizational skills to enable students to make informed, thoughtful judgments about meaning, accuracy and worth of the information presented about American History.

Students are advised to carefully review the graduation requirements as they consider the summer program. You must check with your school counselor before you register on-line.



Graduation Requirements

For freshman entering high school in
2006-2007: 48 credits in grades 9-12

Social Studies: 6 credits English: 8 credits
Math: 6 credits Science: 6 credits
Physical Education: 4 credits Electives: 18 credits

For freshmen entering high school in or after
2007-2008: 48 credits in grades 9-12

Social Studies: 6 credits

U.S. History (2) Government (1)
World History (1) Economics (1)

One credit from:

World History Sociology Psychology

Math: 6 credits

Algebra 1 (2) Geometry (2)

Two credits from:

Algebra 2 Math Analysis

English: 8 credits

English 9 (2) English 10 (2)
English 11 (2) English 12 (2)

Science: 6 credits

Physical Science (2) Biology (2)

Two credits from:

Chemistry Physics
Human Biology Global Science

Physical Education: 4 credits

Electives: 18 credits

2010 Summer Exploration Program High School Enrollment Form

Student's Name (Print): _____

Address _____ Phone # _____

School ID # _____ Current Grade _____

Current School _____

School Attending Next Year _____

of graduation credits earned: _____ # of graduation credits

needed _____ Anticipated graduation date: _____

Summer Courses

Please review with your school counselor before registering.

You may register for 1, 2 or 3 classes.

Art Foundations	_____	(at Hot Shops Art Center)
Physical Education	_____	
English 9	_____ 1 st Semester	_____ 2 nd Semester
English 10	_____ 1 st Semester	_____ 2 nd Semester
English 11	_____ 1 st Semester	_____ 2 nd Semester
English 12	_____ 1 st Semester	_____ 2 nd Semester
Algebra 1	_____ 1 st Semester	_____ 2 nd Semester
Algebra 2	_____ 1 st Semester	_____ 2 nd Semester
Geometry	_____ 1 st Semester	_____ 2 nd Semester
Math Analysis	_____ 1 st Semester	_____ 2 nd Semester
Biology	_____ 1 st Semester	_____ 2 nd Semester
Global Science	_____ 1 st Semester	_____ 2 nd Semester
		(at Fontenelle Forest)
Physical Science	_____ 1 st Semester	_____ 2 nd Semester
US History	_____ 1 st Semester	_____ 2 nd Semester
American Government	_____	
Economics	_____	

PLEASE RETURN COMPLETED FORM TO YOUR CURRENT SCHOOL OR
SEND TO:

COUNCIL BLUFFS COMMUNITY SCHOOLS
ATTN: SUMMER SCHOOL
12 SCOTT STREET, COUNCIL BLUFFS, IOWA 51503