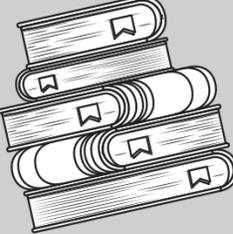


## READING AND WRITING

### WHEN READING COMPLEX WORKS, I CAN....

- 
- Read and analyze foundational works of American and world literature and examine how two or more texts from the same time period treat similar themes or topics
  - Support arguments in an analysis of challenging topics or texts using valid reasoning and relevant and sufficient evidence

### TO PRODUCE HIGH QUALITY WRITING, I CAN....

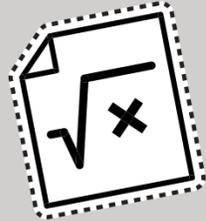
- 
- Demonstrate understanding of complex or figurative language (such as hyperbole) and distinguishing what is directly stated in a text from what is actually meant
  - Understand the role that figurative language plays in a text
  - Present evidence using multiple media formats (such as graphics or audio/visual presentations) to enhance understanding of findings, reasoning and evidence

### WHEN DOING RESEARCH PROJECTS AND DEMONSTRATING UNDERSTANDING, I CAN....

- 
- Cite strong evidence from a text to analyze what it says explicitly as well as what it implies, including determining when a text leaves a point unclear or unproven
  - Identify and evaluate the reasoning used in historical documents, including the application of constitutional or legal principles
  - Conduct short- and long-term research projects to answer a question or solve a problem
  - Participate effectively in group discussions, expressing ideas clearly and persuasively and building on the ideas of others

# High school 9-12

## MATH GOALS



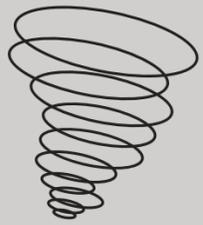
### WHEN USING NUMERICAL SKILLS AND QUANTITATIVE REASONING, I CAN....

- Create and solve equations (mathematical statements that use letters to represent unknown numbers, such as  $2x - 6y = 14$ ) with two or more variables to describe numbers or relationships
- Build an understanding of rational numbers (such as  $\frac{3}{4}$ ) to include rational expressions (such as  $\frac{3}{x-4}$ )
- Use the structure of an expression to identify ways to rewrite it
- Add, subtract and multiply polynomials
- Interpret the slope of a line as the rate of change in two variables and the intercept as the constant term in a linear model

### WHEN PRACTICING ALGEBRA, FUNCTIONS AND GEOMETRY, I CAN....

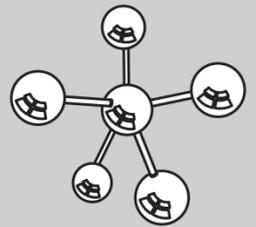
- Build and analyze functions that describe relationships between quantities and use function notation
- Represent and perform operations with complex numbers
- Understand the rules of probability and use them to interpret data and evaluate the outcomes of decisions
- Distinguish between correlation and causation
- Interpret quantitative and categorical data
- Use algebraic reasoning to prove geometric theorems
- Apply geometric concepts to model real-life situations

## SCIENCE GOALS



### WHEN UNDERSTANDING THE LAWS OF MOTION, I CAN....

- Observe, explain and predict natural phenomena governed by Newton's laws of motion, acknowledging the limitations for very small or very fast objects
- Apply understanding that energy exists in many forms and its transformation and conservation occur in processes that are predictable and measurable



### TO UNDERSTAND ATOMIC AND MOLECULAR STRUCTURE, I CAN....

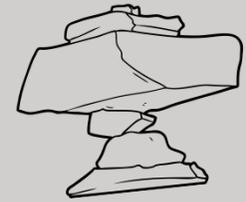
- Apply an understanding of atomic and molecular structure to explain the properties of matter and predict outcomes of chemical and nuclear reactions



### WHEN LEARNING ABOUT LIVING THINGS AND BIOLOGICAL EVOLUTION, I CAN....

- Analyze the relationship between structure and function in living systems at a variety of organizational levels, and recognize living systems' dependence on natural selection
- Explain and illustrate with examples how living systems interact with the biotic and abiotic environment
- Analyze how various organisms grow, develop and differentiate during their lifetimes based on an interplay between genetics and their environment
- Explain how biological evolution accounts for the unity and diversity of living organisms

## SCIENCE GOALS CONT.



### **WHEN UNDERSTANDING GEOLOGY, I CAN....**

-Describe and interpret how Earth's geologic history and place in space are relevant to our understanding of the processes that have shaped our planet

Evaluate evidence that Earth's geosphere, atmosphere, hydrosphere and biosphere interact as a complex system

# HIGH SCHOOL 9-12

## SOCIAL STUDIES GOALS



### WHEN UNDERSTANDING HISTORY, I CAN....

- Use the historical method of inquiry to ask questions, evaluate primary and secondary sources, critically analyze and interpret data, and develop interpretations defended by evidence from primary and secondary sources
- Understand key concepts of continuity and change, cause and effect, complexity, unity and diversity over time
- Interpret the significance of ideas as powerful forces throughout history



### TO ANALYZING PUBLIC POLICY, I CAN....

- Design a financial plan based on short- and long-term financial goals
- Analyze strategic spending, saving and investment options to achieve diversification, liquidity, income and growth
- Describe purposes of and limitations on the foundations, structures and functions of government
- Analyze how public policy – domestic and foreign – is developed at the local, state and national levels and compare how policymaking occurs in other forms of government



### WHEN UNDERSTANDING GEOGRAPHY AND ITS RESOURCES, I CAN....

- Use maps and geographic tools to analyze features on Earth
- Explain and interpret geographic variables that influence the interactions of people, places and environments
- Understand the interconnected nature of the world, its people and places
- Recognize productive resources – natural, human, capital – are scarce and choices must be made about how individuals and societies allocate them

## WHAT CAN YOU DO TO HELP YOUR CHILD?

### READING AND WRITING

- **9TH/10TH GRADE READING/POEM/INFORMATIONAL TEXT RECOMMENDATIONS**
  - The Grapes of Wrath by John Steinbeck
  - The Raven by Edgar Allen Poe
  - Letter from the Birmingham Jail by Martin Luther King, Jr.
  - Gettysburg Address by Abraham Lincoln
- **11TH/12TH GRADE READING/POEM/INFORMATIONAL TEXT RECOMMENDATIONS**
  - The Great Gatsby by F. Scott Fitzgerald
  - Don Quixote by Miguel de Cervantes
  - Ode on a Grecian Urn by John Keats
  - Common Sense by Thomas Paine
  - Politics and the English Language by George Orwell

### MATH

- **HELP YOUR CHILDREN LEARN OUTSIDE OF SCHOOL**
  - Show enthusiasm for your child's study of mathematics
  - Encourage your child to be persistent; make sure that he or she knows that math requires patience, practice and time
  - Urge your child to ask the teacher questions either during or after class
  - Encourage your child to review class notes every night. If there is something he or she doesn't understand, have your child look at the answers and work backwards to determine how the solution was found

## WHAT CAN YOU DO TO HELP YOUR CHILD? CONT.

### MATH

- REACH OUT TO YOUR CHILD'S TEACHER AND ASK QUESTIONS LIKE
  - Where is my child excelling?
  - How can I support this success?
  - What do you think is giving my child the most trouble, and what are you doing to support them through it?
  - How can I help my child improve in this area?
  - Are there options provided by the school for enrichment experiences in math, science, technology or engineering (STEM areas)?
  - Is there a homework hotline to ask questions?

# 12th GRADE GRADUATE REQUIREMENTS

**TRANSFORM  
EDUCATION  
NOW**

STARTING WITH THE 2021 CLASS, YOU MUST COMPLETE THE  
FOLLOWING 3 IN ORDER TO GRADUATE:



INDIVIDUALIZED  
CAREER  
AND  
ACADEMIC PLAN (ICAP)

COURSEWORK

COMPETENCY

## 1. COMPLETE AND INDIVIDUALIZED CAREER AND ACADEMIC PLAN

An ICAP is a very useful guidance tool in college and career planning, as it helps you identify what type of career you're interested in pursuing, which courses to take to fulfill graduation requirements and what you'll need to do now to be successful. With help from your counselors, teachers and parents, you'll use your ICAP as a tool to set goals and learn about career and college opportunities and financial aid.

#180DAYSOFLARNING

[www.transformeducationno](http://www.transformeducationno)

# 12th GRADE GRADUATE REQUIREMENTS

## 2. COMPLETE REQUIRED COURSEWORK

As you work through your ICAP goals, you'll pick out classes to take in high school that will help you successfully meet graduation requirements. You are required to complete a total of 24 units of credit in specific areas in order to graduate.

- English Language Arts: 4 units
- Math: 4 units
- Science: 3 units
- Social Studies: 3 units
- Physical Education: 1 unit
- Arts or eligible Career and Technical Education (CTE): 1 unit
- Approved electives: 8 units



# 12th GRADE GRADUATE REQUIREMENTS

## 3. COMPLETE REQUIRED COURSEWORK

In order to graduate from DPS, every student must demonstrate competency in English and math, or career readiness by

completing one or more items in the competency menu below. Competency demonstration options may be specific to

English or math, or they may be comprehensive options.

- Math Capstone: Successful completion of capstone tasks
- Literacy Capstone: Successful completion of capstone tasks
- Accuplacer Classic
  - 95 Sentence Skills, 61 Elementary Algebra
- Accuplacer Next Generation
  - 241 (Reading) OR 236 (Writing)
  - 255 (Arithmetic/AR) OR
  - 230 (Quantitative Reasoning, Algebra & Statistics/QAS) OR
  - 245 (Advanced Algebra & Functions/AAF)
- American College Testing (ACT)
  - ENGLISH/WRITING 18, MATH/ALGEBRA 19

# 12th GRADE GRADUATE REQUIREMENTS

## 3. COMPLETE REQUIRED COURSEWORK, CONT.

In order to graduate from DPS, every student must demonstrate competency in English and math, or career readiness by completing one or more items in the competency menu below. Competency demonstration options may be specific to English or math, or they may be comprehensive options.

- ACT WorkKeys National Career Readiness Certificate: Bronze or Higher
- Advanced Placement (AP) Exams 2s IN EACH CATEGORY
- Armed Services Vocational Aptitude Battery (ASVAB) 31 (composite)
- Concurrent Enrollment: C- or higher in eligible course
- International Baccalaureate (IB) 4 IN EACH COURSE
- Scholastic Aptitude Test (SAT)
  - 470 READING/WRITING
  - 500 MATH

## CAREER CAPSTONE COMPETENCY MENU OPTIONS

### SUCCESSFUL COMPLETION OF PORTFOLIO CRITERIA

- CAREER READINESS CAPSTONE PORTFOLIO
- TRANSITION READINESS CAPSTONE PORTFOLIO