

Huntsville High School

A decorative teal swoosh consisting of two parallel curved lines, the top one being slightly longer than the bottom one, positioned below the school name.

October 2025

A white decorative line starts from the top left corner, curves upwards and to the right, then extends downwards and to the right, ending near the center of the slide.

Student Celebrations

Homecoming King & Queen



Students of the Week

Week of	Freshmen	Sophomore	Junior	Senior
September 12	Goodness Alawode	Isabelle Yarter	Eliza Ashton	Elias Herrera
September 19	Kristoffer Fair	Tyler Bauer	Gabriella Zamora	Rosa Rodriguez
September 26	Michelle Amaifeobu	Tristan Jaeger	Eliza Ashton	Lester Davis
October 3	Yida Zhang	Nicholas Kaukonen	Lillie Lasserre	Nathaniel Pedraza

Student Body Recognition

No Office Referrals: 1641 = 87% of Students
have not received a referral

1st Six Weeks Perfect Attendance: 330 = 17%
of Students have perfect attendance

Students of the Week



Student Highlights



Student Highlights

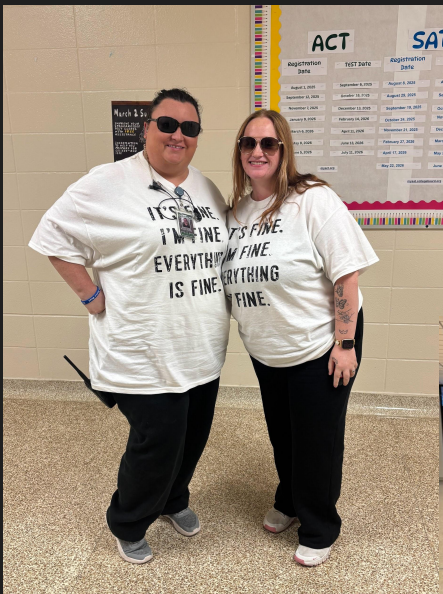


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Staff

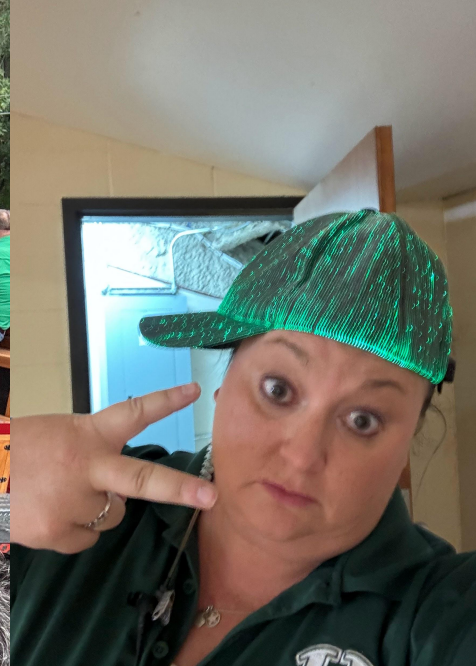
Celebration

Staff Highlights



**Seeing
Double!!**

Staff Highlights





Teaching & Learning Celebration

peering

13- Last Day for
18- Unit 3 Test

DNA

Chromosome

Chromosome

Learning Objective

- I can explain the structure & function of DNA & how it replicates

Language Objective

- I can speak & write & draw DNA replication

DNA is the complete set of instructions on how to build every protein in that organism. That means DNA is the instruction manual for building that unique organism.

SAC ZONE

The collage contains several handwritten notes on different pieces of paper:

- Algebra:**
 - THINGS YOU SHOULD KNOW** (Header)
 - Simplify** (Combine like terms): $3x + 2y + 4y - 8x$ becomes $5x + 6y - 8$.
 - Desmos**: $y =$ left side, $y =$ right side. Find where the lines cross. **Repeat**.
 - Domain**: $f(x) = 3x^2 - 8$. $y =$ (blank). Find $f(-4)$ (input).
 - Range**: $y =$ (blank). $x =$ (blank).
 - Graphing**: $2(3x - 2y + 5)$, $6x - 4y + 10$.
- Geometry:**
 - Area**: $\frac{1}{2}bh$. $\frac{1}{2}(10)(10) = 50$. $50 \times 2 = 100$.
 - Volume**: $V = Bh$. $V = 100 \times 10 = 1000$.
 - Surface Area**: $SA = 2lw + 2lh + 2wh$. $SA = 2(10)(10) + 2(10)(10) + 2(10)(10) = 200 + 200 + 200 = 600$.
- Trigonometry:**
 - SOHCAHTOA**: $\sin = \frac{opposite}{hypotenuse}$, $\cos = \frac{adjacent}{hypotenuse}$, $\tan = \frac{opposite}{adjacent}$.
 - Angle**: 90° , 180° , 270° , 360° .
 - Area of a Triangle**: $\frac{1}{2}ab \sin C$. $\frac{1}{2}(10)(10)\sin 90^\circ = 50$.
 - Area of a Circle**: $A = \pi r^2$. $A = \pi(10)^2 = 100\pi$.
 - Area of a Sector**: $A = \frac{1}{2}r^2 \theta$. $A = \frac{1}{2}(10)^2 \theta = 50\theta$.
 - Area of a Segment**: $A = \frac{1}{2}r^2(\theta - \sin \theta)$. $A = \frac{1}{2}(10)^2(\theta - \sin \theta) = 50(\theta - \sin \theta)$.
- Calculus:**
 - Derivative**: $\frac{d}{dx} x^n = nx^{n-1}$. $\frac{d}{dx} x^2 = 2x$. $\frac{d}{dx} x^3 = 3x^2$. $\frac{d}{dx} x^4 = 4x^3$. $\frac{d}{dx} x^5 = 5x^4$.
 - Integration**: $\int x^n dx = \frac{x^{n+1}}{n+1} + C$. $\int x^2 dx = \frac{x^3}{3} + C$. $\int x^3 dx = \frac{x^4}{4} + C$. $\int x^4 dx = \frac{x^5}{5} + C$.
- Other:**
 - Unit Circle**: $\sin 0 = 0$, $\cos 0 = 1$, $\tan 0 = 0$. $\sin \frac{\pi}{2} = 1$, $\cos \frac{\pi}{2} = 0$, $\tan \frac{\pi}{2}$ is undefined. $\sin \pi = 0$, $\cos \pi = -1$, $\tan \pi = 0$. $\sin \frac{3\pi}{2} = -1$, $\cos \frac{3\pi}{2} = 0$, $\tan \frac{3\pi}{2}$ is undefined.
 - Area of a Parallelogram**: $A = bh$. $A = 10 \times 10 = 100$.
 - Area of a Rectangle**: $A = lw$. $A = 10 \times 10 = 100$.
 - Area of a Square**: $A = s^2$. $A = 10^2 = 100$.
 - Area of a Rhombus**: $A = \frac{1}{2}d_1 d_2$. $A = \frac{1}{2}(10)(10) = 50$.
 - Area of a Trapezoid**: $A = \frac{1}{2}(b_1 + b_2)h$. $A = \frac{1}{2}(10 + 10)(10) = 100$.
 - Area of a Circle Sector**: $A = \frac{1}{2}r^2 \theta$. $A = \frac{1}{2}(10)^2 \theta = 50\theta$.
 - Area of a Circle Segment**: $A = \frac{1}{2}r^2(\theta - \sin \theta)$. $A = \frac{1}{2}(10)^2(\theta - \sin \theta) = 50(\theta - \sin \theta)$.

The image contains several hand-drawn diagrams illustrating biological concepts:

- Top Left:** A circular diagram representing a DNA molecule. It consists of a ring of red circles, with a blue circle labeled "Lipid" attached to the ring. The text "Outside the Cell (Extracellular)" is written to the left, and "Inside the Cell" is written inside the ring.
- Top Right:** A cross-section of a DNA double helix. A green segment is labeled "Gene", and a red segment is labeled "Chromosome".
- Bottom Left:** A cross-section of a cell. The nucleus is labeled "Nucleus" and contains a green DNA molecule. The cell membrane is labeled "Cell membrane".
- Bottom Right:** A cross-section of a cell. The nucleus is labeled "Nucleus" and contains a green DNA molecule. The cell membrane is labeled "Cell membrane".

Teaching & Learning

AM LOST. PLEASE RE-TEACH ME.

I AM A LITTLE CONFUSED AND NEED SOME CLARIFICATION.

2 I ALMOST HAVE IT, BUT I MAY NEED A LITTLE MORE PRACTICE.

3 I TOTALLY UNDERSTAND AND CAN TEACH MY PEERS.

4

The bases are held together in the center of DNA with _____ bonds.

24

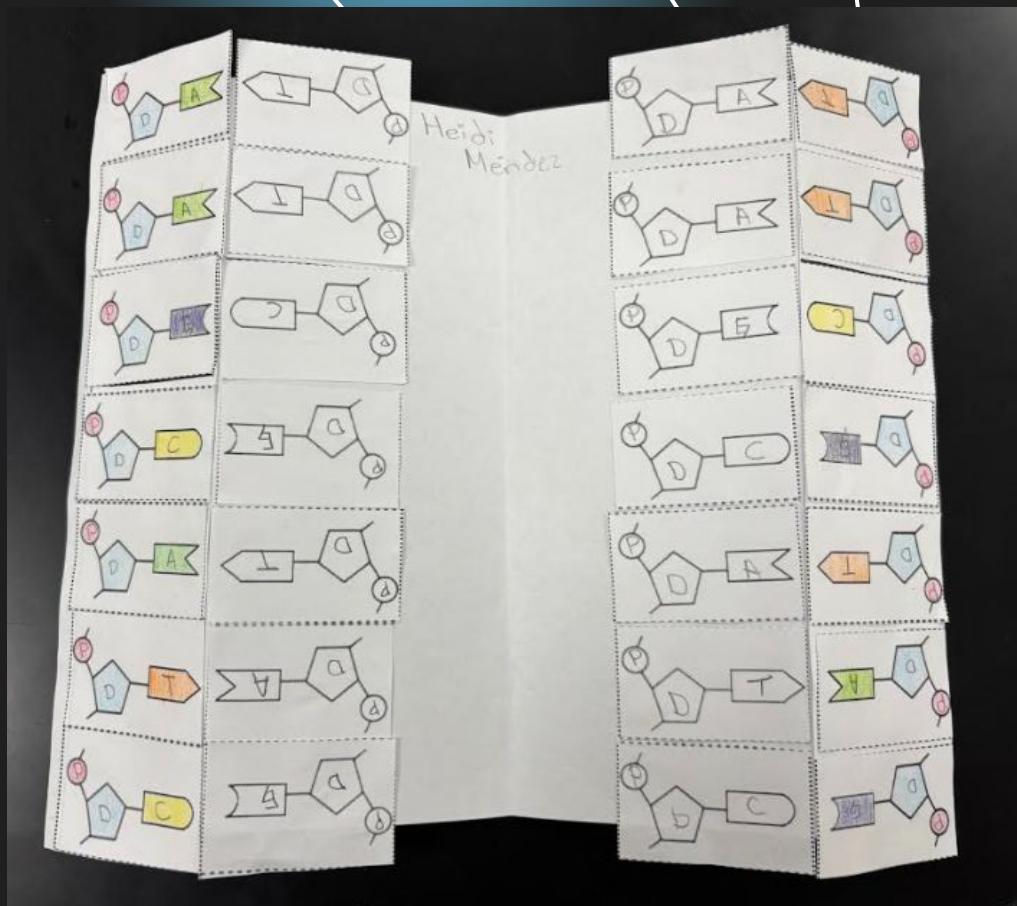
3

covalent

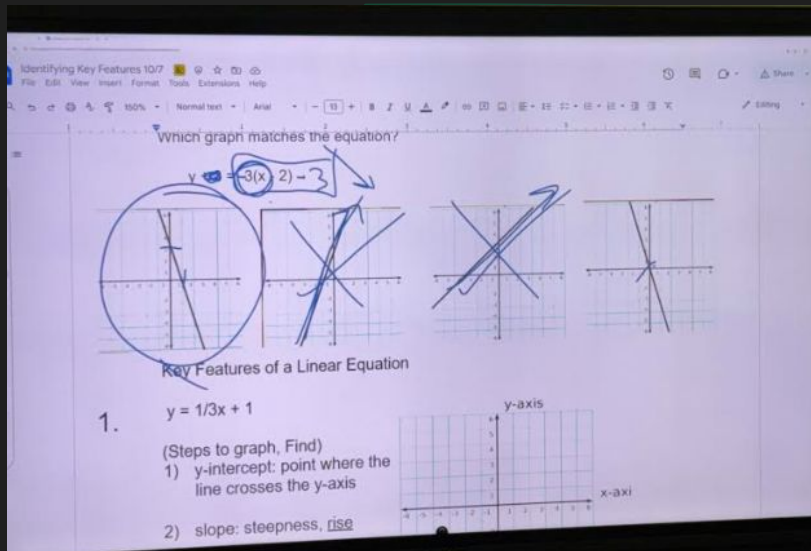
hydrogen

ionic

kahoot.it Game PIN: 2713469



Teaching & Learning



Composition of Functions

$$(f \circ g)(x) = f(g(x))$$

- Start in the middle and work your way out

Example 2: Composition of Functions

A) Let $f(x) = 2x - 3$ and $g(x) = x + 1$. Find $f(g(2))$ and $(f \circ g)(-3)$.

$$f(\underline{a(2)}) =$$

$$f(2+1) =$$

For today's activity, we are going to be reading this poem together in order to complete a TPCASTT

Step 1: Get out this handout!

Step 2: You will need to assess your quotations we annotated on Friday regarding the antagonist concerning the following things:

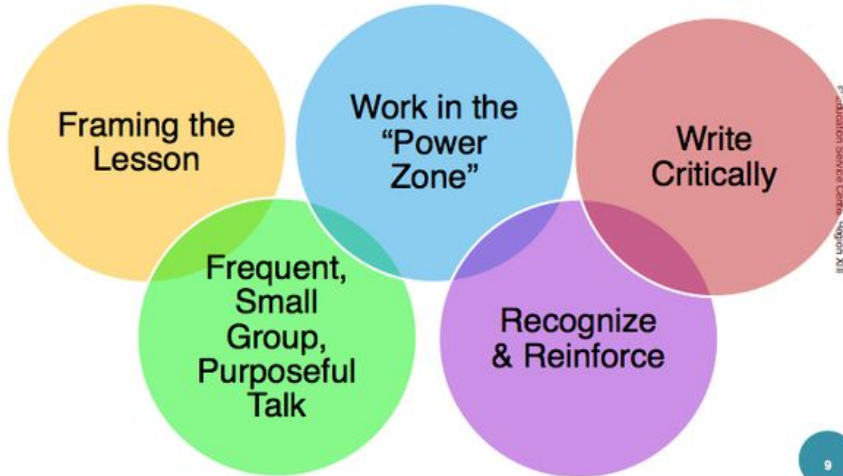
- Title
- Paraphrase
- Connotation
- Attitude
- Shift
- Title
- Theme

[illegible]

Teaching & Learning

The Fundamental 5

are the five critical practices that are at the core of highly effective instruction.



Teachers and administrator attended “The Fundamental 5 Conference” focused on what we can do as teachers to improve classroom engagement and scores.



Community Engagement

2025 Homecoming Parade



2025 Homecoming Parade & Worship Service



2025 College & Career Fair



Important Dates

October 10
8:00 AM

Senior Panoramic Photo

October 15

PSAT School Day

October 21
7:30 - 11:30

CTE 8th Grade Campus Visit

October 17
9:00 - 3:00

SAAFE House Fundraiser – Café Texan

October 22

SAT School Day

October 29

ACT School Day



Thank you