We will begin at 6:15 PM.

Portrait of a Flint Hill Graduate Night

Grade 5

What is Portrait of a Graduate?
Goal-Directed and Resilient Individual

Ethical and Global Citizen

Communicator

Collaborator

Critical and Creative Thinker

...and, how does PoG relate to Flint Hill?

The Learning Model outlines the FCPS instructional vision ensuring all students reach Portrait of a Graduate outcomes.

As educators:

- We establish a learner-centered environment focused on relationships. Our classroom and school community is inclusive and culturally responsive.

- We plan through a concept-based curriculum with a focus on essential knowledge and skills that can be applied across subjects and in real life settings.

- We teach through meaningful learning experiences that encourage students to collaborate, communicate and engage in relevant and rigorous tasks.

- We purposefully assess students with a focus on continuous growth. Students demonstrate knowledge and skills in a variety of ways, such as tasks, projects, tests, and open-response questions.

Universal Design for Learning
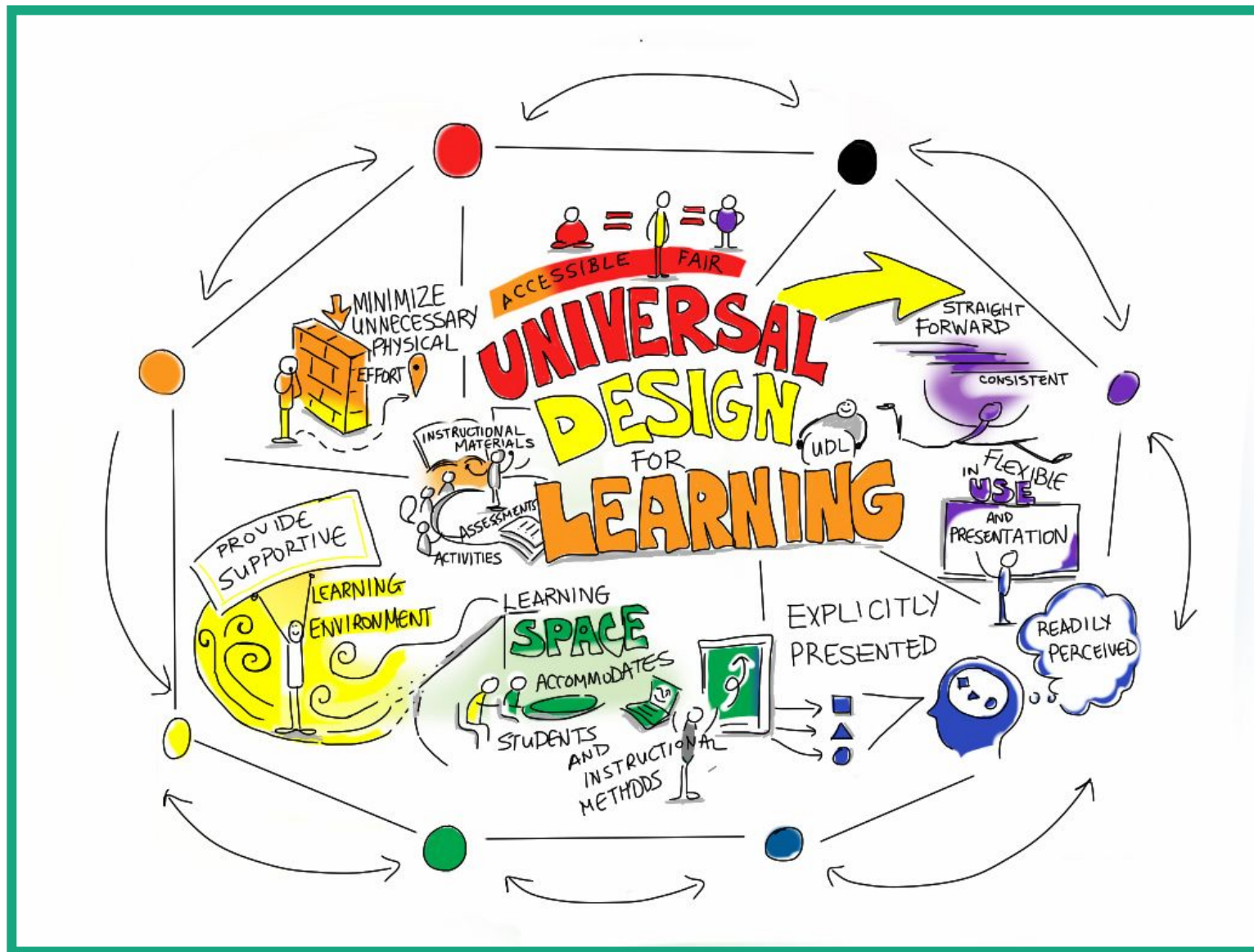
Portrait of a Flint Hill Graduate

A year-long celebration of learning together!

#sohappytogether

What will it look like?

LITERACY

Decoding and vocabulary instruction are pivotal to developing strong reading skills.

Teachers and students will focus on phonics instruction, vocabulary development, and morphology to increase reading comprehension, as well as improve their writing and speaking skills.

CREATING THINKERS & LEARNERS

Children need to learn in an environment that embraces higher order thinking skills, as well as connects learning to real-world situations on and off the screen.
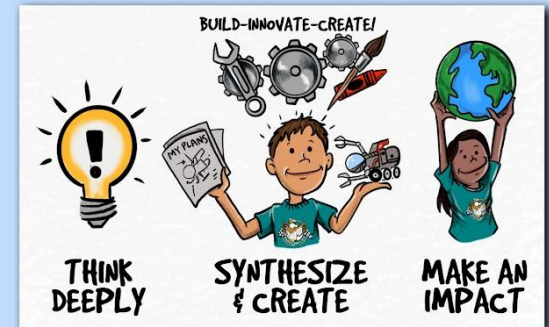
Through performance based assessment and maker-centered learning, students will apply taught skills and demonstrate their thinking in a variety of ways!

BUILD-INNOVATE-CREATE!

THINK DEEPLY   SYNTHESIZE & CREATE   MAKE AN IMPACT

SOCIAL & EMOTIONAL LEARNING

Children require knowledge and skills to effectively use digital technologies to communicate with others, participate in society, and create and consume digital content.

Through the provision of instruction, resources, and oversight, students will positively engage with digital technologies.

Falcon PRIME Time:
Privacy, Respect, Integrity, Mindfulness, and Engagement

COMMUNICATE WITH OTHERS

PARTICIPATE IN SOCIETY

CREATE & CONSUME CONTENT
We are PRIMED for LEARNING!

J. Lonnett 2021
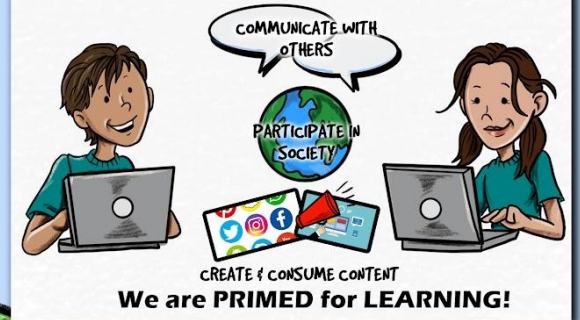
SEL Core Competencies

SEL competencies can promote greater understanding of different cultures and power dynamics, and support students and adults in building relationships and interacting with others across diverse backgrounds. In this way, SEL competencies can be leveraged to develop justice-oriented, global citizens, and nurture inclusive school and district communities.
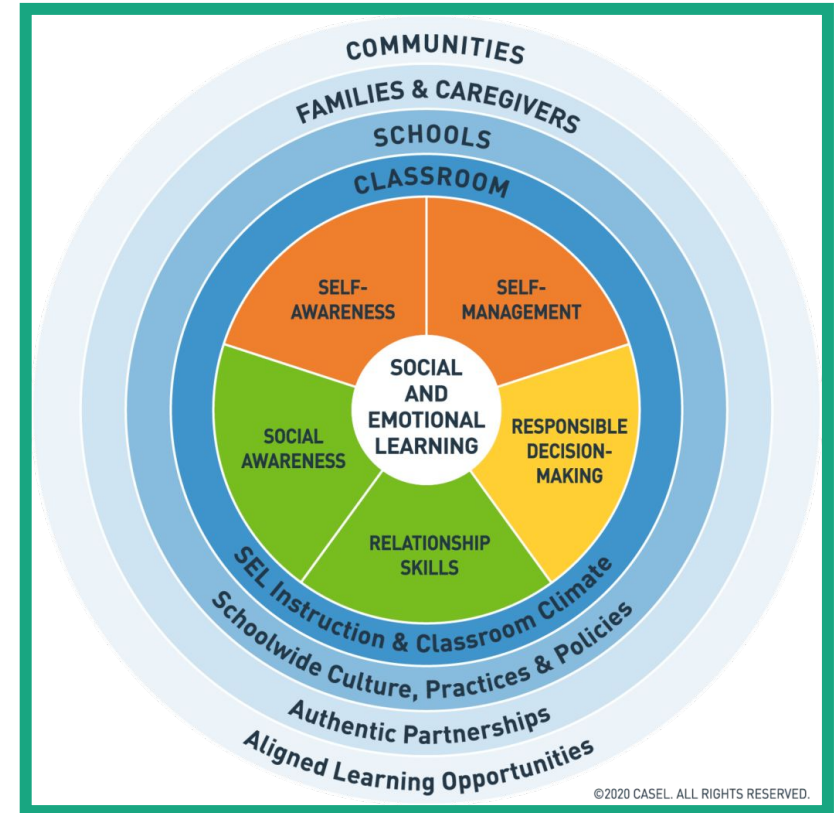
Creating Thinkers and Learners

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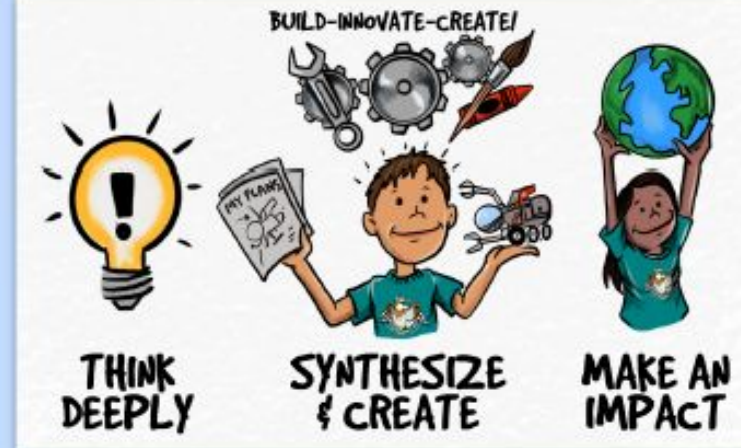
Performance Based Assessment & Maker-Centered Thinking!

Literacy

Decoding and vocabulary instruction are pivotal to developing strong reading skills.

Teachers and students will focus on phonics instruction, vocabulary development, and morphology to increase reading comprehension, as well as improve their writing and speaking skills.

What will it look like?

# Phonics, Vocabulary, Morphology

Language Arts

Language Arts

- Writer's Workshop
- Reader's Workshop
- Guided Reading and Strategy Groups
- Independent Reading
- Differentiated Strategies
- Home Strategies
- Technologies to support our students

We Believe...

We believe in designing and managing meaningful literacy experiences in language arts, within a reading and writing workshop, as well across all content areas.

Reader's Workshop

- Students will engage in small group and independent reading work each week
- We often integrate science and social studies content into our reader's workshop!
- Activities include:
    - Participating in a whole group lesson
    - Independent Reading
    - Writing about their reading
    - Tracking their reading
    - Setting goals about reading
    - Participating in Guided Reading and Strategy Groups
    - Scholastic News

HITTIN' THE BOOKS
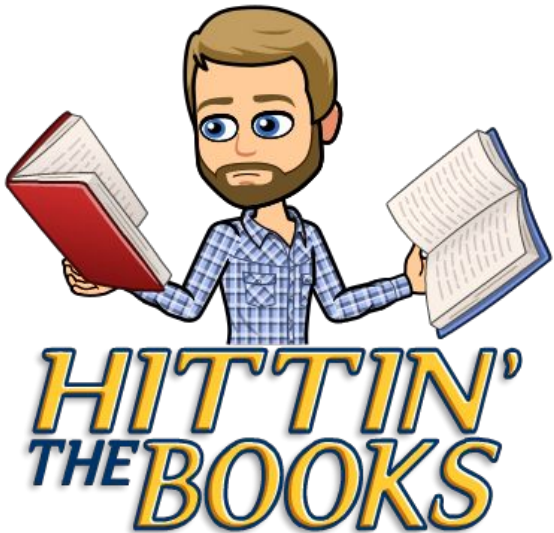
Guided Reading and Strategy Groups

	Guided Reading	Strategy Groups
Text	All students read the same book.	Bring a book of their choice or one provided by the teacher.
Reading Level	All students are on the same reading level.	Students are at a variety of reading levels.
Length	15-20 minutes	10 minutes
Activities	Word work, fluency practice, comprehension skills	Focus on 1 reading strategy
Flexibility	Groups change with student growth	Groups change daily or weekly.

We also conduct reading and writing conferences during our literacy block.
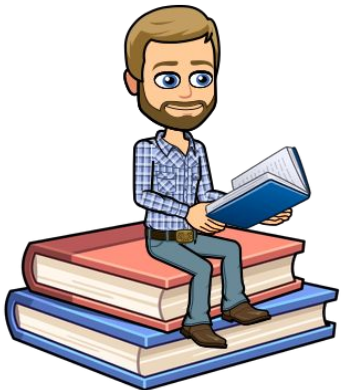
Differentiated Strategies

- Whole group mini-lessons
- "Trait Crate" and "Being a Writer"
- Guided reading, strategy groups and conferences based on individual needs
- Imagine Literacy
- Pioneer Valley
- Fountas and Pinnell
- Book Clubs
- AAP resources
  - Socratic Seminar
  - Jacob's Ladder

Writer's Workshop

Activities include:

- Mini-lessons on aspects of writing (grammar, punctuation, voice, word choice, editing, publishing)
- Short-term writing activities
- Long-term essays that requires students to engage in the writing process
- One-on-one conferences with their teacher for individualized instruction
- Strategy groups with peers

Home Strategies

- Homework: Read for 20 minutes each night
- Imagine Literacy
- Speak with your child about what they are reading
- Read aloud with your child

Technology to Support Your Student!

Mathematics

Mathematics

- Prerequisite assessment
- Flexible Grouping
- The Components of Math Workshop
  - What is Guided Math?
  - The importance of math tasks
  - Tier I instruction and Differentiation
  - AAP resources and strategies
  - Homework expectations

We Believe...

We believe in creating and facilitating learning experiences, within a math workshop, that allow students to construct and negotiate deep conceptual understanding, as well as develop fluency with numbers.

Flexible Grouping

Prerequisite Assessments help us understand and address any gaps in knowledge.

Students are assigned to a teacher each **quarter** based on prerequisite knowledge.

Within each class, students are placed into temporary groups to address particular needs as they arise.

In Advanced Math, students remain in a static class throughout the year. Students are grouped for each unit.

Math Workshop

What does it look like?

- Number Sense Routine
- Focus Lesson
- Rotations

OR

- Number Sense Routine
- Math Task
- Strategy Share

Problem Solving Strategies for Math

Look for a Pattern	Try a Simpler Problem	Make a Model
Guess & Check	Make a List, Chart, or Graph	Create an Equation
Work Backwards	Use Reasoning	Use Your Fingers

Building a Mathematical Community

Number Talks

How many different ways can you imagine to solve this addition problem?
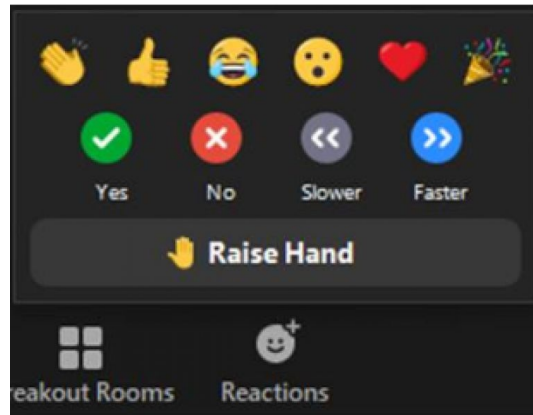
$$\tfrac{3}{4} + \tfrac{1}{2} + \tfrac{3}{4} =$$

Building a Mathematical Community

**Examples of
Number Sense Routines**

Esti-Mystery

Splat!

Which One Doesn't Belong?

Which One Doesn't Belong?

9	16
25	43
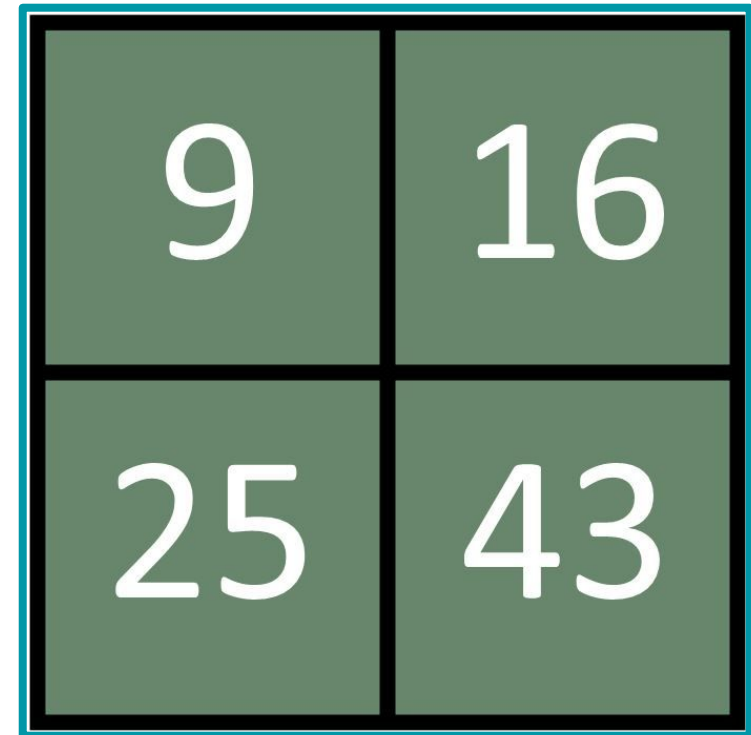
Focus Lesson vs. Math Task

Focus Lesson
Brief, whole-group instruction before small group rotations.

Math Task
One common task that allows for multiple entry points and strategies.

Students work in collaborative teams and later share strategies.

Both structures allow for differentiation and scaffolding.

Guided Math in Math Workshop

Benefits of Guided Math

- Flexible groupings to differentiate and meet individual needs

- Immediate feedback

- Opportunity to explain their thinking in small groups

- Targeted instruction for a particular skill

- Builds confidence

Differentiation Opportunities

- Differentiated instruction
  - M^3
  - CueThink
  - Groundworks
  - Critical and Creative Thinking Lessons
  - Number Sense Routines
- Small Groups
  - Partner Activities
  - Games
- Independent Work
- Online Tools: ST Math and Imagine Math

Technology to Support Your Student!

CUETHINK
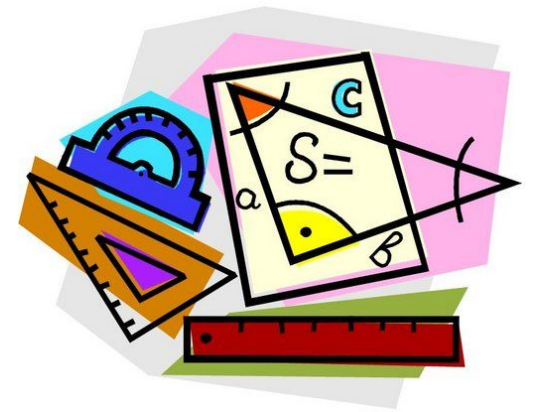
Focused on improving critical thinking skills and math collaboration for students in grades 2-6.

Understand

What do you notice?	What do you wonder about?

Estimate your answer or write a question you can solve

Plan

Choose your strategies	Write your plan
✓ Draw a picture	
✓ Make a table or organized list	
✓ Solve with an easier problem	
✓ Work backwards	
✓ Guess, check and revise	
✓ Model it with manipulatives	
✓ Look for a pattern	
✓ Model with an equation	

PROBLEM:

Solve

Review

Check your math	Review your estimate
✓ Does my answer make sense?	
✓ Did I include units?	
✓ Did I check my work?	
✓ Could someone see how I found my answer?	
✓ Did I show how the work and plan connect?	

Final answer

CUETHINK

Technology to Support Your Student!

ST Math

- Challenging Puzzles
- Non-Routine Problem Solving
- Informative Feedback
- Deep Conceptual Understanding

Imagine Math

- Personalized Learning
- First language support for English learners
- On-demand instruction by live, certified, math teachers (Grades 3-6 only)
- Development of college- and career-readiness skills

Homework

- Reinforces skills and concepts from the focus lesson
- Meant to be completed independently
- Homework assigned Monday-Thursday, except on the day of an assessment

Social Studies

- What does Social Studies look like and sound like?
- Various topics covered this year
- Special projects
- Opportunities for cross-curricular integration

Social Studies

We Believe...

We believe in exploring civics, history, geography, and government to foster connections between students and their community—here in Vienna, Virginia, the United States, and the world.
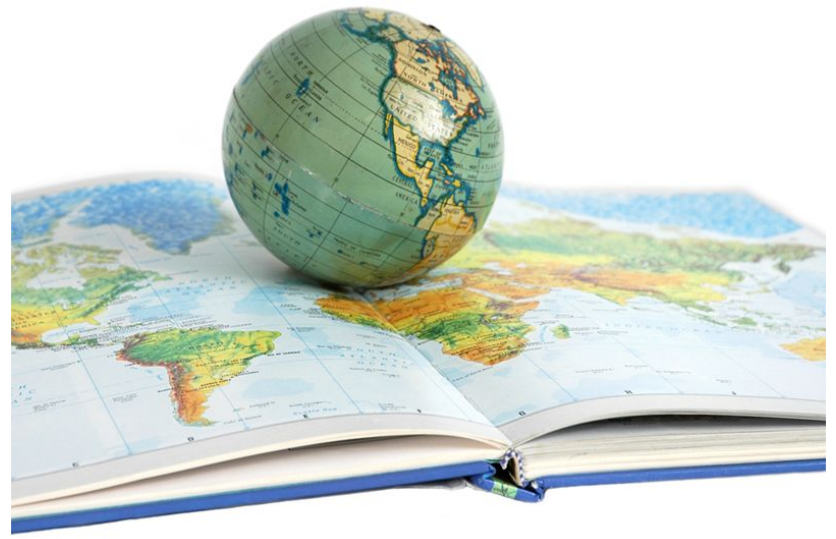
Civilizations

- Fertile Crescent
- China
- Greece
- African History and Geography

Concepts

- Change Over Time

- Cause and Consequence

- Interdependence

- Movement and Migration

- Conflict and Cooperation

- Culture and Society

Research

Informational Texts/Primary Sources
- Trade books, textbooks, maps, images, documents
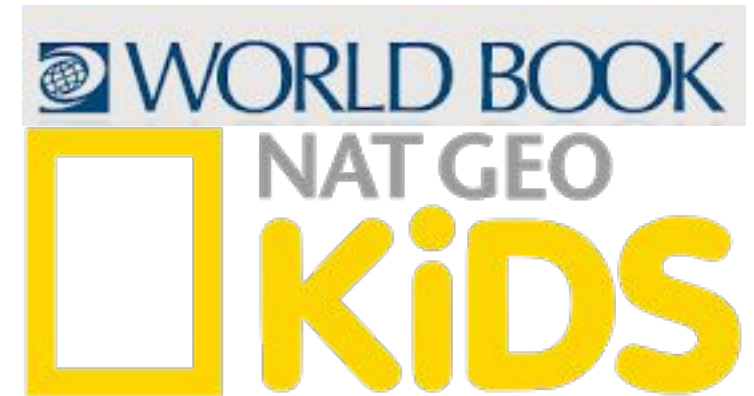
Digital Resources
- Learning Links on FHES Website

Library
- Ms. Rankin: database access, research tools, related books

MLA format
- Presenting research professionally

Global Awareness Technology Project

- End of the year, county-wide project
- Small groups choose a topic based on 8 essential questions
- Students utilize technology to collaborate, research, gather data, and communicate their information to others creatively.

Project Goal: Students will understand the interrelationship and interdependence of the countries and cultures of the world.

Differentiated Strategies

- Document Based Questions (DBQ)
- Socratic Seminar
- Thinking Routines
  - See, Think, Wonder
  - Plus, Minus, Interesting
  - Compass Points

Compass Point

A routine for examining propositions and ideas.

Technology to Support Your Student!

The DBQ Project

[Document Based Questions](), or DBQ units, provide students with the opportunity to engage in historical thinking, wrestling with documentary evidence. Students engage in the process of close analysis, interrogation of documents, and argument writing.

Science

We Believe...

We believe in fostering curiosity and wonder through hands-on exploration, investigation, and experimentation.

Being a Scientist

Students will not only learn the science content, but learn the process of science through exploration, making discoveries, measuring, and making inferences like real scientists.

- 5E Inquiry Model - Engage, Explore, Explain, Extend, & Evaluate
- Use scientific language
- Apply concepts to everyday lives
- Make informed decisions
- Explore scientific careers
- Experimental design
- Science notebook
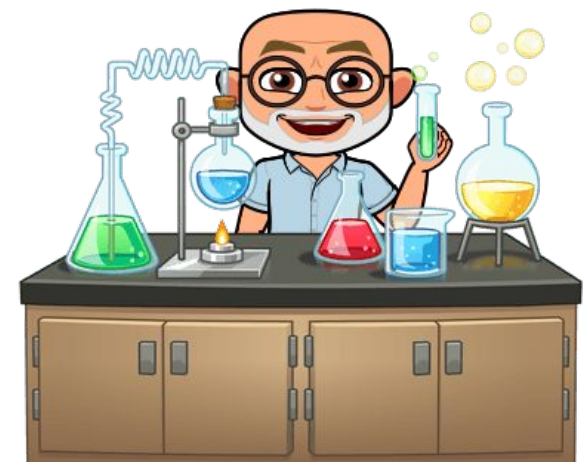
Experimental Design

Students use the experimental design process to systematically test hypotheses:
- Controlled environment
- Identify the variables
- Control the variables
- Identify the constants

Lesson 11

Experimental Design Diagram (EDD)

Title:

Chemical Weathering of Chalk in Acids

Hypothesis:

Template: If the (independent variable is changed how), then the (dependent variable will change how.)

Example: If the size of the chalk increases, then the reaction will increase and the bubbles will grow higher.

Your turn:

If _____, then _____.

Independent Variable (IV):

Dependent Variable (DV):

Reaction as measured by the height of the bubbles in the cylinder.

Constants (Be sure to include measurements where needed)

Landforms

This earth science unit of study focuses on Landforms and the basic theory behind the changing Earth. Key concepts:
- Earth's layers
- Theory of plate tectonics
- Earthquakes and volcanoes
- Types of rocks
- Weathering and erosion
- Rock cycle
- Human impact

Oceans

The Oceans unit provides students with a basic understanding of the ocean environment. Key concepts:

- Ocean floor features
- Mixtures and solutions and salinity
- Currents
- Ocean zones
- Ocean Food Webs
- Classifying ocean organisms
- Human impact
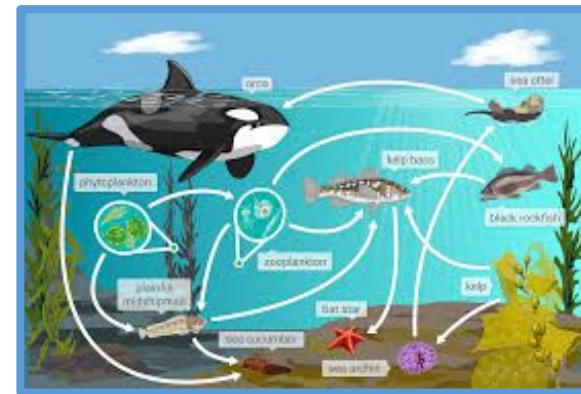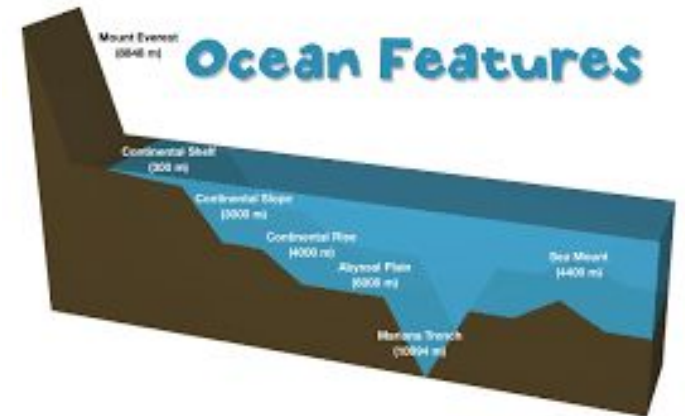
Light and Sound

This physical science unit of study focuses on the energy of light and sound. Key concepts:

- Reflected light
- Light waves
- Refraction
- Rainbows, color and frequency
- Vibrations
- Compression waves
- Sound and matter
- Frequency and pitch
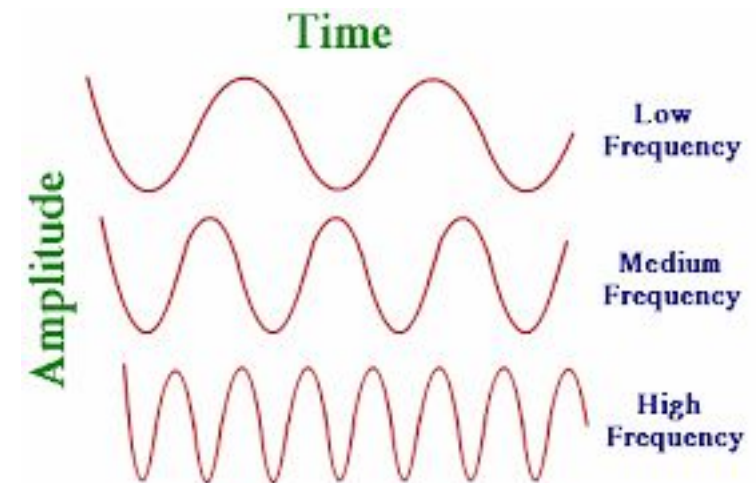
Science in the Field

This life unit of study focuses on cells, microscope use, and ecology. Key concepts:

- Using microscopes
- Observing cells
- Cell organelles
- Grouping animals
- Animal adaptations
- Grouping plants
- Investigating plants
- Human impact

Adaptations
Adaptations help animals survive.
Adaptations can be how an animal looks or how it behaves.

Click on an animal to see their adaptations.

Science Study Skills

- Digital Science Notebook on Schoology
- ScienceSauris books
- Set study goals
- Start studying before a test
- Study buddy
- Create flash cards
- Create your own study guide
- Complete WIOs in Science Notebook
- Put notes from Science Notebook into your own words
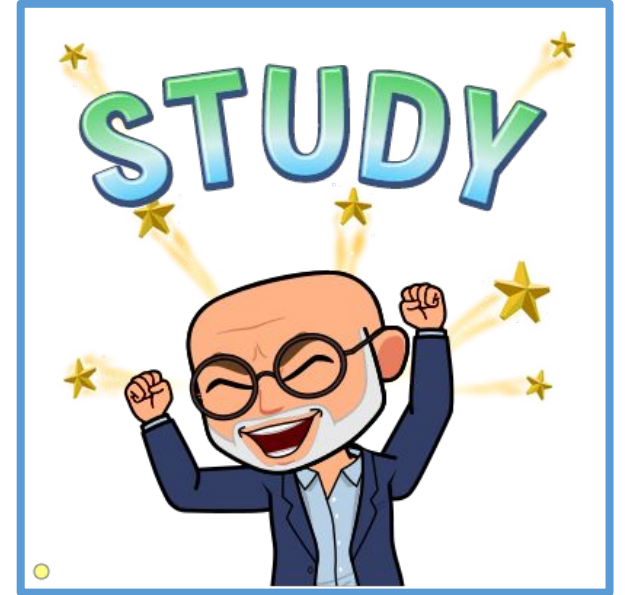
Digital Science Notebooks

- Students are taught how to take notes or notes are provided (WOW) on the right side of page.
- Students show their learning and thinking (WIO) on the left page.

Science SOL Prep

- SOL tests covers 4th and 5th grade concepts.
- We'll review 4th grade material throughout the year.
- Digital Science Notebook
- Review activities/games such as Kahoot, Taboo, "I have…, who has…" vocabulary cards, etc.
- Released test questions
- SOLpass and other websites accessed in school and at home
- Student made flash cards

Technology to Support Your Student!

JASON provides curriculum and learning experiences in science, technology, engineering, and math (STEM).

Each unit features print and digital materials, hands-on activities, videos and online games for students.

Before You Go...

- Digital Citizenship

- School Schedule, Attendance & Communication

- Grading, Reporting, and Assessments

- Questions?

Digital CitizenShip

Supporting students in developing positive Digital Citizenship skills is a shared responsibility.

Many supports for families are available on the FCPS Digital Citizenship website: bit.ly/FCPSdigcitpublic

- Establishing Expectations at Home

- Choosing Digital Apps, Games and Services Wisely

- Media Balance and Well-being Toolkit

- Digital Citizenship for Families Online Interactive Course

- Tip Sheets and Videos

- Student Interactives

MEDIA BALANCE & WELL-BEING
We find balance in our digital lives.

DIGITAL FOOTPRINT & IDENTITY
Hello, I am...
We define who we are.

PRIVACY & SECURITY
We care about everyone's privacy.

RELATIONSHIPS & COMMUNICATION
We know the power of words & actions.

CYBERBULLYING, DIGITAL DRAMA & HATE SPEECH
We are kind & courageous.

NEWS & MEDIA LITERACY
We are critical thinkers & creators.

INTERNET

School Schedule, Attendance & Communication

Schoology

Early Bird 8:35– 9:00
Specials 9:00 – 10:00
Morning Meeting 10:00 – 10:15
Language Art 10:15– 11:45
Recess   11:45 – 12:15
Read Aloud   12:15 – 12:30
Math   1:00–2:20
Content   2:20 – 3:25
Pack Up 3:25 – 3:35

Attendance:
*Teachers will keep an eye out for students who arrive late.
If your child does not arrive on time, you may receive a phone call from the office asking you to verify.
There are updated codes for excused absences related to COVID.

The Falcon Focus (grade level newsletter): every Friday

Grading and Reporting

Balanced Assessment Approach

- Projects
- Rubrics specific to assignments
- Tests & Quizzes
- Performance Tasks

Student understanding is assessed in multiple ways. Each assessment type provides information to guide and inform instruction to meet the needs of students.

Parent/Teacher Communication

- Phone Call
- Email
- Progress Update Form
- Office Hours

Teachers remain in contact with parents throughout each quarter to share and monitor student progress. Quarters 2-4 will include the use of interims, on an as-needed basis, to share academic or behavior concerns.

Elementary Progress Report

- Achievement Grade
- Effort Grade
- Life, Work & Citizenship

The progress report reflects the student's current level of understanding and demonstration of knowledge and skills.

School, Division & State Assessments - Elementary

- Benchmark Assessment System (BAS)
- iReady
- Virginia Growth Assessment (VGA)
- SEL Screener
- Spring SOLs: Math, Reading, Science

Elementary Progress Report Marks

4 | **Consistently demonstrates concepts and skills of standard taught this quarter**

- Frequency of behavior, nearly all the time
- Requires no support when demonstrating understanding
- Demonstrates a thorough understanding of content taught
- Makes no major errors or omissions when demonstrating concepts or processes taught

3 | **Usually demonstrates concepts and skills of standard taught this quarter**

- Frequency of behavior, most of the time
- Requires limited support when demonstrating understanding
- Demonstrates a general understanding of content taught
- Makes few major errors or omissions when demonstrating concepts or processes

2 | **Sometimes demonstrates concepts and skills of standard taught this quarter**

- Frequency of behavior, some of the time
- Requires moderate support in order to demonstrate understanding of concepts and skills
- Demonstrates a partial understanding of content taught
- Makes some errors or omissions when demonstrating concepts or processes

1 | **Seldom demonstrates concepts and skills of standard taught this quarter**

- Frequency of behavior, seldom
- Requires considerable support in order to demonstrate learning of concepts and skills
- Demonstrates limited understanding of concepts, skills, and processes taught
- Makes frequent major errors when demonstrating concepts or processes

For additional information:
Elementary Grading and Reporting Handbook for Parents: Grading Guidelines on the FCPS website.

Thank you for attending!

Please make sure you place all comments and questions for administration in this electronic Parking Lot.

We value your feedback and wonderings!