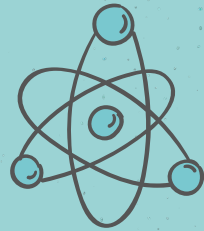
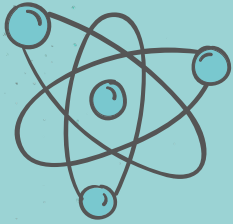
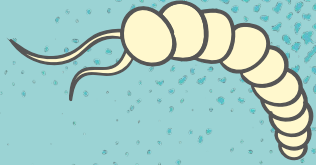
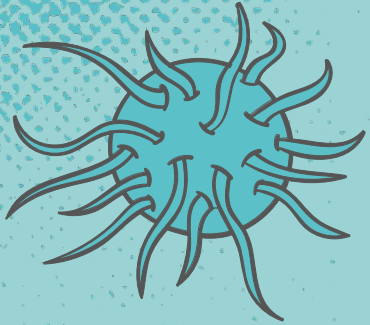


Science 7

Curriculum Night

Katherine Johnson MS

January 17, 2024



Overall Presentation

Questions at the End Please!



Science in
Middle
School

The
Curriculum
& Supporting
Technology

Choosing
Appropriate
Course
Level

Q&A with
7th Grade
Science
Teachers

About the teachers



Elementary school teachers are generalist.

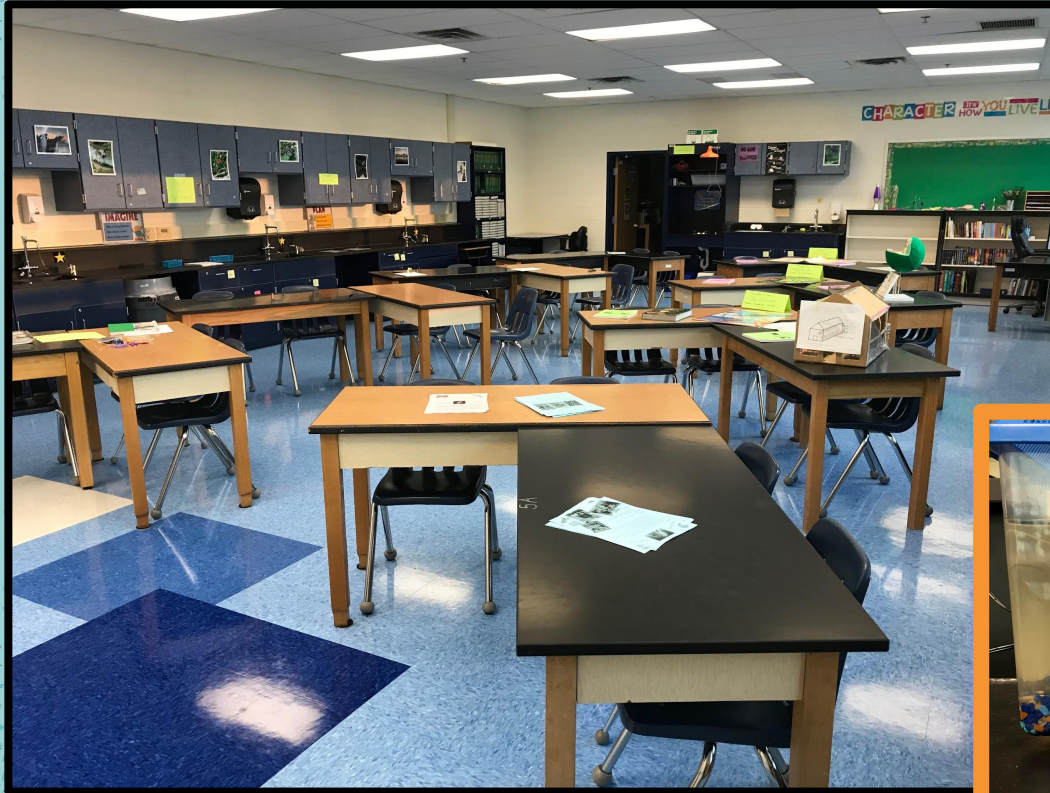
Middle school teachers are **specialist!**

We only teach 7th grade Science!

This is a LAB course with a dedicated lab space.



Science has Dedicated Labs



Units of Study



Natural
Ecosystems

Human
Impact on
Ecosystems

Living
Systems

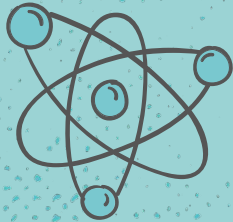
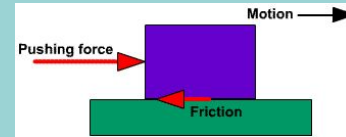
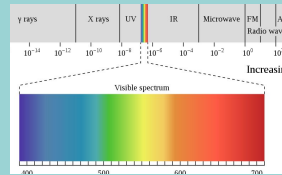
Heredity

8th Grade Science Units of Study

Introductory Chemistry

Introductory Physics

A periodic table of elements with color-coded groups: metals (pink), metalloids (green), and nonmetals (blue). The table includes element symbols and names, and is labeled with 'Metals', 'Metalloids', and 'Nonmetals'.



Matter

Energy

Forces & Motion



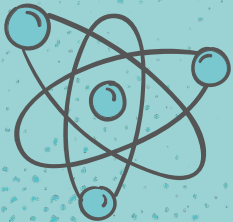
SOL is in 8th Grade

The SOL covers:

6th grade Science

7th grade Science

8th grade Science



Supporting Technology



Lab Notes

Paper notebook to support Notes, Research, Drawings, and Diagrams



Schoology

All assignments are posted in Schoology.



Lab Activities

We use lab equipment and models throughout the year.

Other Technology Tools



Google Suite

Google Docs, Slides, Sheets, Draw, and Jamboards (tools for collaboration)



Gizmo

Interactive explorations of ecosystems



Newsela

Articles about Life Science



EdPuzzle YouTube

Video review and Notetaking



Review Activities

Interactive Review

Classwork Expectations

In Class

SAFETY FIRST

We typically have 2-3 activities with a short break time built into our days.



Homework

Most homework is CLASSWORK that was not completed during class or to study for an assessment.

Choosing the right level for Science

GenEd

Self-selected!

- Standard Placement

HN (Honors)

Self-selected!

- Increased rigor
- Interested in learning
- On or above reading level
- Strong Academic behaviors (focus, study skills, and self-advocacy)

AA

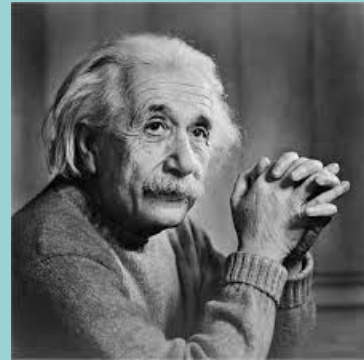
Application process based on test scores and evidence of performance.
Decided at the district level, NOT school level.

SAME CURRICULUM

Supported reading and comprehension
Directions and procedures gated
Small group and class project work
More time for activities

Longer Reading Assignments
Expected to follow written directions/procedures
More independent and small group project work
Significant Independent / Group research project

QUESTIONS?



Portrait of a Graduate



Creative and
Critical Thinker



Goal-Directed
and Resilient
Individual



Communicator



Collaborator



Ethical and
Global Citizen