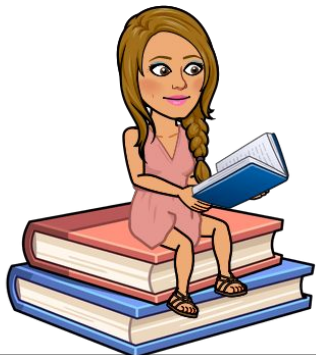


Miss Swigonski's

Welcome to 8th Grade Science!

CLASSROOM



Daily Supplies Needed

- chromebooks
- binder
- notebook
- pencil/pen

Room 110

email:

jswigonski@eriesd.org

phone:

814-636-1210

(personal office)

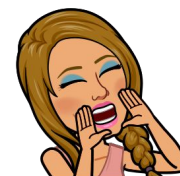
814-874-6600 x2268

(school)

Daily Routine

1. Bellringer in notebook & record learning target
2. Attendance/HW check & review
3. Lesson
4. Lab/Independent or group work
5. clean/tidy up area/exit ticket

GRADES



- Classwork
- Homework
- Exams / Quizzes
- Labs / Projects

SCIENCE
Special Help
THURSDAY
3:10 - 3:40

DETENTIONS
Friday
3:10- 3:40

Check Infinite Campus every Wednesday for updated grades.

TO PLAY SPORTS YOU MUST PASS YOUR CLASSES (65 grade or higher!)

Check Schoology for missing assignments

It is your responsibility to ask for:

- bellringer/ learning target
- homework
- other missing work
- schedule a make-up test/lab

Attendance Policy

- It is unlawful to miss school without a proper excuse.
- Please email an excuse to Maljahrae Pulliam at mpulliam@eriesd.org

Angie Dunn at adunn@eriesd.org

or have your excuse faxed to 814-874-6607



GET YOUR WILSON SPIRIT WEAR!

Visit <https://wilson.lgstore.com/> or scan the QR code below!



WILSON SPIRIT WEAR

BY LEADER GRAPHICS

Orders ship directly to Wilson Middle School for free!

POLICY



DISRUPTING THE LEARNING ENVIRONMENT WILL RESULT IN A VARIETY OF CONSEQUENCES, INCLUDING BUT NOT LIMITED TO:

1. Error Correction
2. non-verbal communication
3. restorative practice (natural consequences)

Minor #1

1. private conversation with teacher on how behavior is affecting learning
2. change of seat (area in the room)
3. review classroom/school/district expectations
4. Opportunity to refocus.

Minor #2

1. partner teacher (sitting in another classroom to refocus)
2. opportunity to practice skill deficit
3. review classroom/school/district expectations
4. Opportunity to refocus.

Minor #3

1. text/phone call home/email home
2. refocus conversation with teacher/review classroom/school/district expectations
3. think sheet/lunch detention

Minor #4 -

1. results in an after school teacher detention
2. opportunity to refocus
3. text/phone call home/email home
4. review classroom/school/district expectations

Minor #5 -

results in a Major (office referral)

by this point you will have had 18 interventions and opportunities to self-correct

BE RESPECTFUL

BE RESPONSIBLE

BE READY

A major violation of learning or student safety will result in immediate office referral or removal from the learning environment.

CER/ CLAIM, EVIDENCE, REASONING
- INTRO Weeks 1 - 4

Data / Measurement & Graphing Intro- Weeks 1 -4

Disciplinary Core Ideas /Cross Cutting Concepts

Safety / Lab Procedures Intro - Weeks 1-4

Scientific and Engineering Practices

Populations and Ecosystems

FIRST SEMESTER UNIT 1

INDIVIDUAL, POPULATION,
COMMUNITY, ECOSYSTEM, BIOTIC,
ABIOTIC, PHOTOSYNTHESIS,
CELLULAR RESPIRATION

(days 1 - 30)

FIRST SEMESTER UNIT 2

BIOME, FOOD CHAIN, FOOD WEB,
PRODUCER, CONSUMER,
DECOMPOSER, HERBIVORE,
CARNIVORE, DETRIVORE,
AUTOTROPH

(days 31 - 60)

FIRST SEMESTER UNIT 3

ENERGY PYRAMID, BIOMASS,
PRIMARY PRODUCER, PRIMARY
CONSUMER, SECONDARY
CONSUMER, TERTIARY CONSUMER,
TROPHIC LEVELS, REPRODUCTIVE
POTENTIAL, LIMITING FACTORS

(days 61 - 90)

CER/ CLAIM, EVIDENCE, REASONING
continued

Data / Measurement & Graphing *Scientific and Engineering Practices*

Cross Cutting Concepts

Safety / Lab Procedures continued

Scientific and Engineering Practices

Catastrophic Events

SECOND SEMESTER UNIT 1 STORMS

Catastrophic Event, Hurricane, Tornado, Volcano,
Earthquake*, Atmosphere*, glaciers, floods, storms,
tsunamis, model, vortex,axis,
fluid,evaporation,hydrosphere,hurricane,thunderstorm,
weather,climate,energy transformations,tornado
watch,tornado warning,conduction,convection,
radiation,thermal energy,light energy,chemical energy,
kinetic energy, sound energy, gravitational energy,
temperature, potential energy,composition of
atmosphere, layers of atmosphere, properties of
atmosphere, air pressure, water cycle,properties of
dense air molecules vs less dense, air mass, stable air
mass, unstable air mass, colliding air masses,
convection currents, weather front, condensation,
precipitation, transpiration, precipitation, vapor, ocean
currents, upwelling,

(days 91 - 116) - vocab to be added

SECOND SEMESTER UNIT 2

EARTHQUAKES

(days 117 -143) - vocab to be added

SECOND SEMESTER UNIT 3

VOLCANOES

(days 144 - 174)

Grade 8 Science PSSA

Science PSSA Covers Content and Standards from 5th through 8th Grade



pennsylvania
DEPARTMENT OF EDUCATION

Biological Sciences

A. Organisms and Cells

1. Common Characteristics of Life
2. Energy Flow
3. Life Cycles
4. Cell Cycles
5. Form and Function
6. Organization
7. Molecular Basis of Life
8. Unifying Themes
9. Science as Inquiry

B. Genetics

1. Heredity
2. Reproduction
3. Molecular Basis of Life
4. Biotechnology
5. Unifying Themes
6. Science as Inquiry

C. Evolution

1. Natural Selection
2. Adaptation
3. Unifying Themes
4. Science as Inquiry

Physical Sciences: Chemistry and Physics

A. Chemistry

1. Properties of Matter
2. Structure of Matter
3. Matter & Energy
4. Reactions
5. Unifying Themes
6. Science as Inquiry

B. Physics

1. Force & Motion of Particles and Rigid Bodies
2. Energy Storage and Transformations:
Conservation Laws
3. Heat / Heat Transfer
4. Electrical and Magnetic Energy
5. Nature of Waves (Sound and Light Energy)
6. Unifying Themes
7. Science as Inquiry

Earth and Space Sciences

A. Earth Structures, Processes and Cycles

1. Earth Features and the Processes that Change It
2. Earth's Resources / Materials
3. Earth's History
4. Sciences and Transfer of Energy
5. Water
6. Weather and Climate
7. Unifying Themes
8. Science as Inquiry

B. Origin and Evolution of the Universe

1. Composition and Structure
2. Unifying Themes
3. Science as Inquiry