



# Curriculum Chat Night

Pine Island Academy  
8/28/2025  
Mrs. Aleckson



# A little about me . . .

- Degree in Biology from the University of Illinois
- My path to teaching has been a bit circuitous 😊
  - Sales representative for an engineering consulting company
  - Pharmaceutical sales representative
  - Teacher's aide
  - Tutor
  - Associate Teacher at Pine Island



# A Typical Day in Science Class

- Students retrieve their binders as they enter the classroom
- Students review the day's agenda on the board and begin the warm up
- Preview and reminders of the week's activities – upcoming labs, formatives, summatives, etc.
- Begin one of the following:
  - Direct instruction with fill-in-the-blank notes
  - Lab/lab write up
  - Stations with hands-on demos
  - Teacher demos
  - Written work to practice concepts
  - Partner/group work to practice concepts
  - Formative assessment (2 per unit), Summative assessment (1 per unit)



### **Quarter 1**

- The Nature and Practice of Science
- Forms of Energy
- Heat and Thermal Energy

### **Quarter 2**

- Waves
- Earth's Structures
- Age of the Earth

### **Quarter 3**

- Plate Tectonics
- Genetics
- Cell Division

### **Quarter 4**

- Ecosystems & Food Webs
- Symbiosis
- Evolution/Natural Selection
- Human Impact on Earth

# **7<sup>th</sup> Grade Adv. Science Curriculum**



# Grading, Retakes, and Make-up Work

## Grading (mandated by the district):

- Summative assessments (tests, major labs): 70%
- Formative assessments (quizzes, minor labs): 30%
- Classwork and homework will be worth 10% of a formative grade each

## Retakes (summatives only):

- Required at 75% or below
- Optional at 85% or below
- Highest possible grade on a retake is 85%

## Make-up Work:

- Can be found on Schoology
- Power Points, notes, and class assignments will be placed in unit folders

# What You Can Do to Support Your Child

- If absent for any reason, please encourage your child to view Schoology. In the event of confusion, have them reach out to me via email or talk to me in class.
- Check your child's Schoology calendar for upcoming quizzes/tests/binder checks and encourage them to study.
- Feel free to email me at any time.
- Thank you for sending in supplies! I am currently building up supplies of 2L soda bottles and paper towel rolls. If you have any that you'd like to send in, that would be great!

