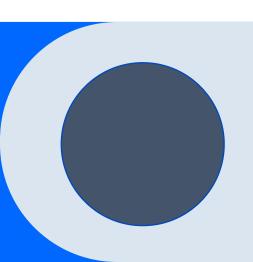
Curriculum Chat Night

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

7th Grade Adv. Science Curriculum

Quarter 3

- Plate Tectonics
- Genetics
- Cell Division

Quarter 4

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

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!