

Bayou View Middle School – Weekly Lesson Plans

Teachers: Mrs. Lee & Mrs. Helms

Week of: 03-04-24

Subject: Science 8

Standards:

- MS Science Standard:
- P.8.6 Students will demonstrate an understanding of the properties, behaviors, and application of waves.
- P.8.6.1 Collect, organize, and interpret data about the characteristics of sound and light waves to construct explanations about the relationship between matter and energy.
- P.8.6.2 Investigate research-based mechanisms for capturing and converting wave energy (frequency, amplitude, wavelength, and speed) into electrical energy.
- P.8.6.8 Compare and contrast the behavior of sound and light waves to determine which types of waves need a medium for transmission.
- **Essential Questions:** How do waves transfer energy through different mediums?
- *Lessons are subject to change

Day/Date	Bell Schedule	Bell Work	Objectives ("The student will...")	Procedures TI = Teacher Input, M = Modeling, GP = Guided Practice, IP = Independent Practice TTW = "The teacher will..." TSW = "The students will..."	Assessment Observation, Activities Project, Quiz, Unit Test, DCA, etc.	Closure
Monday 03-04 Regular		State Practice Questions	... explain the properties of waves	ANTICIPATORY SET: Essential Question Discussion & Introduction. TSW: Engage: Students will brainstorm a list of types of waves and technology that uses waves. Honors: Properties of Waves Video and Questions Differentiation: ELL Teacher Assist, TTW: Guide and monitor Homework: Quizzes Practice	Assessment___ Observation___ Activities_X_ Project___ Quiz___ Explore___	Post-Activity Discussions
Tuesday 03-05 Regular		State Practice Questions	... explain the properties of waves	ANTICIPATORY SET: TSW: Properties of Waves Notes/Quiz SW notes to answer questions. Differentiation: Small group, read aloud, extended time Homework: Quizzes Practice	Assessment_X_ Observation___ Activities___ Project___ Quiz___ Explore___	Discussion
Wednesday 03-06 Regular		State Practice Questions	... explain the properties of waves	ANTICIPATORY SET: TSW: 5E Properties of Waves Stations Honors: Explore 1 Properties of Waves Lab TTW: Guide and assist Homework: Quizzes Practice	Assessment___ Observation___ Activities_X_ Project___ Quiz___ Explore_X_	Thumbs up/Thumbs down
Thursday 03-07 Regular		State Practice Questions	... explain the properties of waves	ANTICIPATORY SET: TSW: 5E Properties of Waves Stations Honors: Explore 1 Properties of Waves Lab TTW: Guide, monitor, and assist Homework: Quizzes Practice	Assessment___ Observation___ Activities_X_ Project___ Quiz___ Explore___	Discussion
Friday 03-08		State Practice Questions	... explain the properties of waves	ANTICIPATORY SET: TSW: Sound Notes/Quiz	Assessment___ Observation___ Activities_X_	Discussion

Regular			TTW: instruct, model, guide, and monitor. Homework: Honors correct work on research projects.	Project____ Quiz____ Explore_X_	
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