تم تحميل هذا الملف من موقع المناهج الإماراتية



الملف أوراق عمل درس Sound الصوت

موقع المناهج ← المناهج الإماراتية ← الصف السابع ← علوم ← الفصل الثاني

روابط مواقع التواصل الاجتماعي بحسب الصف السابع المناسلات المسلامية الاسلامية العربية الاسلامية اللغة العربية الاسلامية اللياضيات اللغة العربية الاسلامية العربية الاسلامية العربية الاسلامية اللغة العربية الاسلامية العربية العربية الاسلامية العربية العربية الاسلامية العربية العربية الاسلامية العربية الاسلامية العربية الاسلامية العربية الاسلامية العربية ال

المزيد من الملفات بحسب الصف السابع والمادة علوم في الفصل الثاني		
كل مايخص الاختبار التكويني لمادة العلوم للصف السابع يوم الثلاثاء 11/2/2020	1	
مراجعة درس الموجات, منهج انجليزي	2	
ورقة عمل الصوت والضوء	3	
أوراق عمل الوحدة الثامنة الدرس الأول 2017	4	
مراجعة للوحدة 11	5	

Sound

Name		Class	Date
A boat is anchored at set What does the up and comotion of the boat show A The molecules of wa only move up and do while the energy mov B The ocean is standin C The boat's motor is co D The molecules of wa while the energy mov	ter wn ves forward. g still. n. ter move side to side	2	What is the frequency of a wave with a speed of 20 m/s and a wavelength of 0.4 m? wave speed = wavelength x frequency A 8 Hz B 0.2 Hz C 50 Hz D 20.4 Hz
Which statement about wave A and wave B is correct? A Wave A has a greate greater wavelength. B Wave B has a greate greater wavelength. C Wave A has a greate shorter wavelength. D Wave B has a great shorter wavelength.	er amplitude and a	4	Speed of sound changes due to the medium in which sound waves travel. Based on this chart, what is the overall trend from the slowest to the fastest medium? A solids, liquids, gases B gases, liquids, solids C liquids, solids, gases D all the same speed
Two waves are moving directions through a m will interfere construct amplitude of the wave wave A and B meet? A 0 B 15 C 5 D 20	nedium. The waves tively. What is the produced when		What is the wavelength of the wave? A 1 cm B 2 cm C 3 cm D 4 cm
When you sit in a ce auditorium you notice actually softer than forward. Which wave explains this problem A reflection B interference C diffraction D refraction	e the sound is it is a few seats e <mark>interaction</mark>	8	Match the term with the correct label. A
Match the term with the correct label. A compression rarefaction	wavelength	[Match the term with the correct definition. music A. sound that produces pleasing patterns overtones B. distinct sound of an instrument resonance quality of sound C. natural vibrational frequency

Sound

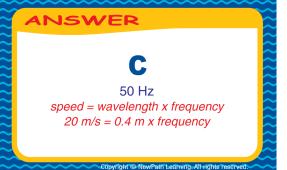
ANSWER KEY

A boat is anchored at sea. What does the up and down motion of the boat show?



- A The molecules of water only move up and down while the energy moves forward.
- The ocean is standing still.
- The boat's motor is on.
- **D** The molecules of water move side to side while the energy moves forward.





Which statement about wave A and wave B is correct?



- A Wave A has a greater amplitude and a greater wavelength.
- B Wave B has a greater amplitude and a greater wavelength.
- C Wave A has a greater amplitude and a shorter wavelength.
- D Wave B has a greater amplitude and a shorter wavelength.

Speed of sound changes due to the medium in which sound waves travel. Based on this chart, what is the overall trend from the slowest to the fastest medium?



C 3 cm **D** 4 cm

- A solids, liquids, gases B gases, liquids, solids
- C liquids, solids, gases
- **D** all the same speed

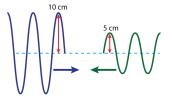




Two waves are moving in opposite directions through a medium. The waves will interfere constructively. What is the amplitude of the wave produced when wave A and B meet?



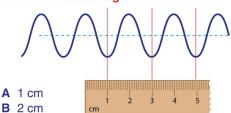
D 20



b

b

What is the wavelength of the wave?

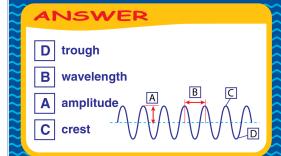


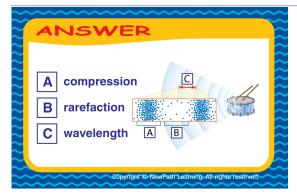


When you sit in a certain seat in an auditorium you notice the sound is actually softer than it is a few seats forward. Which wave interaction explains this problem?



- A reflection
- **B** interference
- **C** diffraction
- **D** refraction





music: sound that produces pleasing patterns

resonance: natural vibrational frequency

quality of sound: distinct sound of an instrument