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mass of electron, metallic crystals

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on oceans. Student notes will have students playing in the waves, comparing fresh water and salt water, and creating oil spills right in their own classroom. The worksheets supplement all of the core lessons. Complete with optional activities that will have your students cooking and drawing, will give students a different perspective about oceans. A final exam to test students' knowledge of the information contained in this unit is also included. This Earth Science lesson provides a teacher and student section with a variety of reading passages, activities, crossword, word search and answer key to create a well-rounded lesson plan.

Sound is invisible waves moving through the air around us. In the same way that ocean waves are made of ocean water, sound waves are made of the air (or water or whatever) they are moving through. When something vibrates, it disturbs the

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air molecules around it. The disturbance moves through the air in waves - each vibration making its own wave in the air - spreading out from the thing that made the sound, just as water waves spread out from a stone that's been dropped into a pond.

This book explains acoustics (the physics of sound waves) as it relates to music and musical instruments. It also includes suggestions for explaining these concepts to younger audiences. Catherine Schmidt-Hones is a music teacher from Champaign, Illinois and she has been a pioneer in open education since 2004. She is currently a doctoral candidate at the University of Illinois in the Open Online Education program with a focus in Curriculum and Instruction.

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