

8L Sound and Hearing



Your task is to put together an informative poster that shows how sound is used by all life on Earth.

Week to be completed in:	Instructions	I have completed it
Week 1	In the Mojave Desert on Oct 14th 1947, U.S. Air Force Capt. Chuck Yeager in an experimental rocket-powered plane set an aviation record. Research this event, controllers on the ground heard the very first S.... B..., Include images and reports.	
Week 2	A space shuttle will also cause a S.... B... but only on re-entry into the planets atmosphere. Why is this? Include images with your explanation to this.	
Week 3	The snapping shrimp <i>Alpheus japonicus</i> , a Crustacean that can be found living in the Pacific coasts of Panama is the noisiest of all sea creatures and can immobilize small fish with its high pitched frequency. Research the sounds that marine life use and what they use it for. (Some Ocean living birds also use aquatic sound)	
Week 4:	Big Ben chimes can be heard throughout London. Use illustrations (fully annotated) to explain how this happens. Think about what happens to the sound as it travels. How long do you think the sound can be heard for and who by?	
Week 5	Sound can be harmful to humans' delicate eardrums. How can sound damage our hearing and what types of sounds do this? Provide images or illustrations that are annotated.	

Final hand in date: