

**Read and complete the blanks with a suitable word. Then, write in appropriate Spanish what you understand of each paragraph.**

animals - produced - certain - pleasure - highest - intervals

One thing is indeed [ ]. No [ ] — not even the [ ] types of ape — have ever been observed to combine the sounds [ ] by their own muscular efforts into a series of beats at regular [ ]; to combine them for the sake of their own [ ]; and to vary them when so combined.

developed - highlighted - to visualize - will group - can observe - experiment

Although we have [ ] the *amplitude vs. time* and the *frequency vs. time* representations, bear in mind that these are not the only ways [ ] sound, and indeed there have been all kinds of innovative ways [ ] by artists and scientists (or creative technologists) to allow us to 'see' sound. One of these, for instance, is **cymatics**. In cymatics, you place a shallow container with a fluid (like water or anything else you might want to [ ] with) on top of a speaker and when the sound plays back you [ ] intricate patterns formed by rippling on its surface. This can also be done with a metal plate covered in sand. The particles [ ] on the surface of the plate to form patterns as the sound changes.