Making a Seismograph with Daily Materials

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We made a seismograph by using familiar materials. The seismograph observed some earthquakes. We used materials which we can buy at DIY shops. The seismograph is composed of a pendulm, a brake, an electromagnetic sensor, an amplifier, and a computer. It is recording earthquakes all day. It recorded some earthquakes which ocurred at various places. We changed digital data recorded in the computer into waveforms of some earthquakes with Excel. The assignment is to examine how far from here the earthquakes recorded by the seismograph ocurred and how big they were.

Keywords: earthquake, seismograph, DIY

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