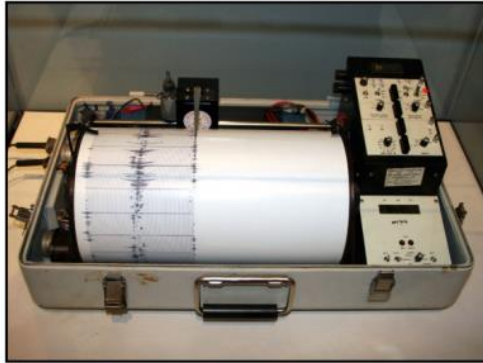


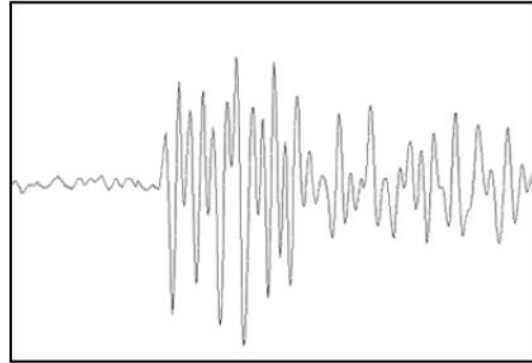
Monday 8<sup>th</sup> February 2021 - Practical

LO: To learn about the effects of seismic waves.

### Make your own seismograph



Here is an actual seismograph...



...and here is the 'trace' the pen is leaving on the paper.

1. Tape the string to the sides of your can. Make the string loop long enough for someone to hold.
2. Tape a pencil to the side of the tin can so it can record the vibrations during your 'earthquake'.
3. Place a sheet of paper on the table.
4. One person holds the tin can so the pencil tip just touches the table.
5. One person moves the table back and forth or hits it gently with a solid object to simulate an earthquake.
6. The third person pulls on the paper forward in a straight line, as the pencil traces the table movements.
7. Repeat the experiment with every person getting to hold the tin can, make the table move and pull the paper. Congratulations! You are all now seismologists!

