

# 3D Seismic Cube Kit

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This is a DOWNLOADABLE 3D Seismic Cube Kit and instructions, suitable for high school AP Physics and first and second year undergraduate university students majoring in geology, geophysics or petroleum engineering. Instructions are available in Spanish. Materials needed: Printer, scissors, tape and colored pencils.

**Note: Check out the “Read me” PDF first!**

## Instructions

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- Read me (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/ReadMe.pdf>) (3K PDF)
- Instructions - English ([http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeisCubeInstructions\\_English.pdf](http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeisCubeInstructions_English.pdf)) (545K PDF)
- Instrucciones - Español ([http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeisCubeInstructions\\_Spanish.pdf](http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeisCubeInstructions_Spanish.pdf)) (50K PDF)

## Seismic Cube Files

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- Seismic Cube top (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCubeTop.tiff>), 10 7/8 in x 13 13/16 in (one-sided)
- Seismic Cube base (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCubeBase.tiff>), 10 7/8 in x 13 13/16 in (one-sided)
- Seismic Cube lines 1b (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube1b.tiff>), 1f (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube1f.tiff>), 2b (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube2b.tiff>), 2f (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube2f.tiff>), 3b (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube3b.tiff>), and 3f (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube3f.tiff>), 8 3/8 in x 13 7/8 in (two-sided when put together)
- Seismic Cube traces 4b (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube4b.tiff>), 4f (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube4f.tiff>), 5b (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube5b.tiff>), 5f (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube5f.tiff>), 6b (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube6b.tiff>), and 6f (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/SeismicCube6f.tiff>), 8 3/8 in x 10 7/8 in (two-sided when printed)

## Additional Handouts

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- What do sounds look like (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/WhatDoSoundsLookLike-Layouta.pdf>) (1.9m PDF)
- Bad vibrations (<http://seg.org/Portals/0/SEG/Professional%20Development/Seismic-Cube/BadVibrations-Lay>

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