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Instructions to make a CD Spectroscope:

You will need this template, scissors and a CD.

1. Using scissors, cut along the solid black lines. Including line **a** and rectangles **b** and **c**.
2. Fold along the dotted lines.
3. Make the template into a box by gluing or taping together the like numbered flaps (e.g. 1 to 1, 2 to 2).

2

3

a



b

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4. Slip a CD into the box through the slot you made at line **a**. The CD should be flat with the box and with the “rainbowy” side facing you.
5. Point the top of the box with slit **b** toward different light sources (e.g. a fluorescent bulb, street lamp) * and look through the large square hole in the box. Different light sources may produce different spectrums.

2

3

*** Caution: Use only under adult supervision. Looking at the Sun can cause eye damage.**

c

1