

Paste this sheet on a black card board. Write your name.
 Cut along the dotted line and fold along the solid lines as shown here.
 Remember you have cut two windows - at 'eye' and 'Towards light'
 Up here means towards printed side and
 down means towards back or black paper side
 (case of doubt please check our web or send email
<http://www.iucaa.ernet.in/~scipop> or scipop@iucaa.ernet.in)

sides A and B are aligned to
 line A' and B' and glued

spectroscopy base

X'

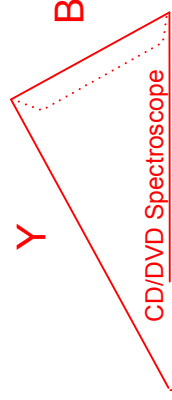
Y'

Do not fold

Spectroscopy made by

Name _____

Do not fold



CD or DVD

Fold this side up along X - X' by 90 degrees
 this is to be glued to the spectroscopy base

IUCAA
edoscopes DVD Spectroscopy

<http://www.iucaa.ernet.in>
 Inter-University Centre for Astronomy and Astrophysics
 P.O. Bag #4, Ganeshkhind Pune 411007, India
 Design: Arvind Paranjpye
 Public Outreach Programme
 Email: scipop@iucaa.ernet.in

Eye

Towards light

Fold here - down (inside)

Fold this side down (in side) by 90 degrees

Fold this side down (in side) by 90 degrees

A'

B'

Spectrum of a fluorescent lamp

Colour	wl	Element
Faint purple	405	Mercury
Bright blue	436	Mercury
Very faint blue	486	Hydrogen (one may not see)
Faint green	542	(triphosphor)
Green	546	Mercury
Green yellow	577	Mercury
Orange red	611	(triphosphor)

wl = wavelength in nm

Fold this side up along Y - Y' by 90 degrees
 this is to be glued to the spectroscopy base

IUCAA
CD/DVD Spectroscopy

Y

Y'