

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

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

IUCAA  
CD/DVD Spectroscope

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](mailto:scipop@iucaa.ernet.in))

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

X

X'

A

Fold here - down (inside)

spectroscope base

Fold this side down (in side) by 90 degrees

Do not fold

X'

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 = wavelenght in nm

Eye

Towards light

Spectroscope made by

Name \_\_\_\_\_

Do not fold

Y'

Fold this side down (in side) by 90 degrees

B'

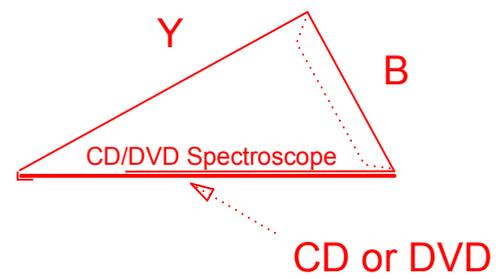
B

IUCAA  
CD/DVD Spectroscope

Fold this side up along Y - Y' by 90 degrees  
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Y

Y'



CD or DVD