

NEWTON'S COLOUR DISC

Newton's colour disc is a disc on which seven component colours of white light are painted. As it is rotated at high speed, it appears white suggesting the white light comprises of seven colours.

- **Why does the disc appear white when it is rotated fast?**

This is due to the persistence of vision of the eye. If all the colours fall

in our eye within $\frac{1}{16}$ s, the combined effect produces white light.