CHANGING COLOUR OF A FALLING RAINDROP

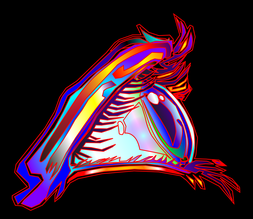
Red ray
exits droplet above
other colours in a
secondary rainbow

Incident ray

SECONDARY RAINBOW

Secondary rainbow

Violet
appears at top



Red
appears at top

Primary rainbow

Violet ray
exits droplet above
other colours in a
primary rainbow

Incident ray

Falling raindrop

PRIMARY RAINBOW

A single falling raindrop can contribute to the formation of a secondary and then a primary rainbow.
The position of the droplet relative to the observer determines its colour.