

Lab Activities Related to Light:

Focal length of a concave mirror: This lab activity usually involves using a concave mirror and an object to determine the focal point where light rays converge after reflection.

Video Link: <https://www.youtube.com/embed/D-cmeWjO3d0>

Characteristics of convex lens: In this activity, you would explore how a convex lens converges light rays to a point known as the focal point. You may perform experiments to determine the lens's focal length and observe how light rays pass through it, forming images.

Video Link: <https://www.youtube.com/embed/VkyQWxWHqpo>

Focal length of a convex lens: This is similar to the above activity but focused specifically on calculating the focal length. This might involve using an optical bench to measure the distance at which a clear image is formed when an object is placed at a known distance from the lens.

Video Link: https://www.youtube.com/embed/DUBVqkj_kEA