Radiant heat waves can be focused

Hold a reading glass lens in the sun and focus the rays to a point on a wad of tissue paper. You will observe that the tissue paper catches fire from the focused heat rays. Try the effect of using tissue paper blackened with Indian ink or soot. Does it catch alight more readily?

Radiant heat waves can be reflected

In the previous experiment note the distance from the reading glass to the tissue paper. Place a tilted mirror about half this distance from the lens. Feel about with your hand above the mirror until you find the point where the heat waves are focused. Hold a bit of crumpled tissue paper at this point and see if it will light.

Taken from UNESCO Source Book For Science Teaching