

Lenses Refract Light

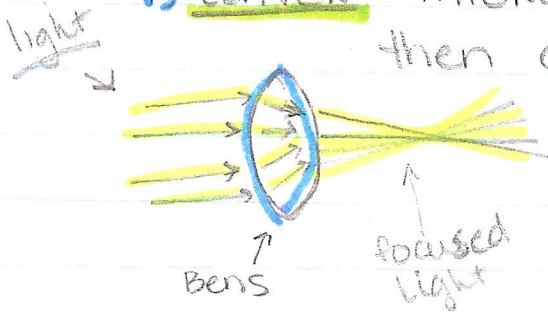
What do cameras, binoculars, telescopes, movie projectors, and your eye have in common?

They all contain lenses!

- A lens is a curved, transparent object that refracts light.

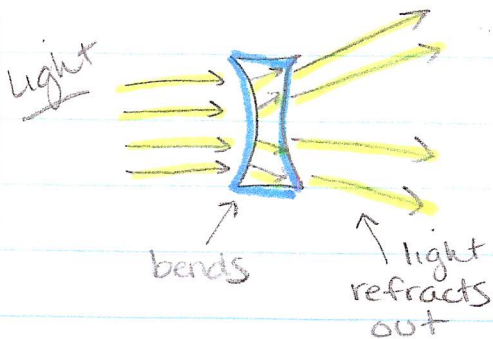
• Two types of shaped lens:

1) Convex - thicker in the middle than at the edges



Focuses light:
microscope, eye, glasses
Camera, telescope

2) Concave - a lens that is thinner at the middle than at the edges



light bends away towards edges of lens. In glasses, telescopes