

## Matter tells spacetime <br> how to curve



## spacetime tells Matter

how to move

General Relativity: Einstein described gravity as a warping of space-time around a massive object. The stronger the gravity, the more space-time is warped.


General Relativity: Light travels along the curved space taking the shortest path between two points. Therefore, light is deflected toward a massive object! The stronger the local gravity is, the greater the light path is bent.

Real
Observed

* $\because \cdot$
:3



(a)

(b)


AtPeugurar.


