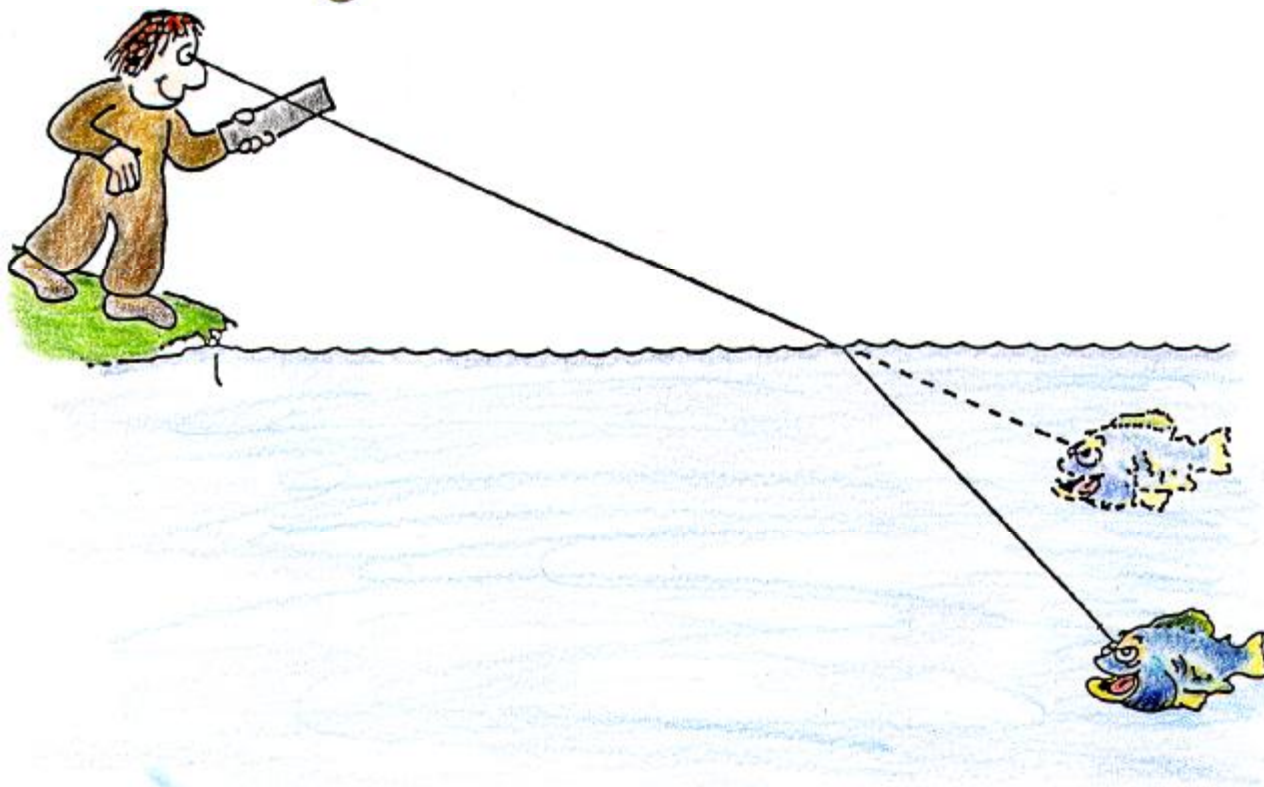


NEXT-TIME QUESTION

CONCEPTUAL Physics



Huey wishes to "spear" a fish with a laser. Should he aim the laser beam above, below, or directly at the observed fish to make a direct hit?

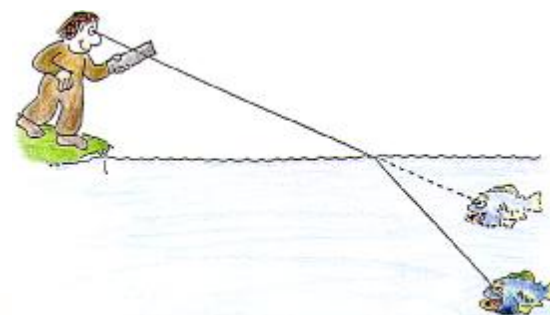


ARBOR SCIENTIFIC
TOOLS THAT TEACH.

Hewitt
Drawit!

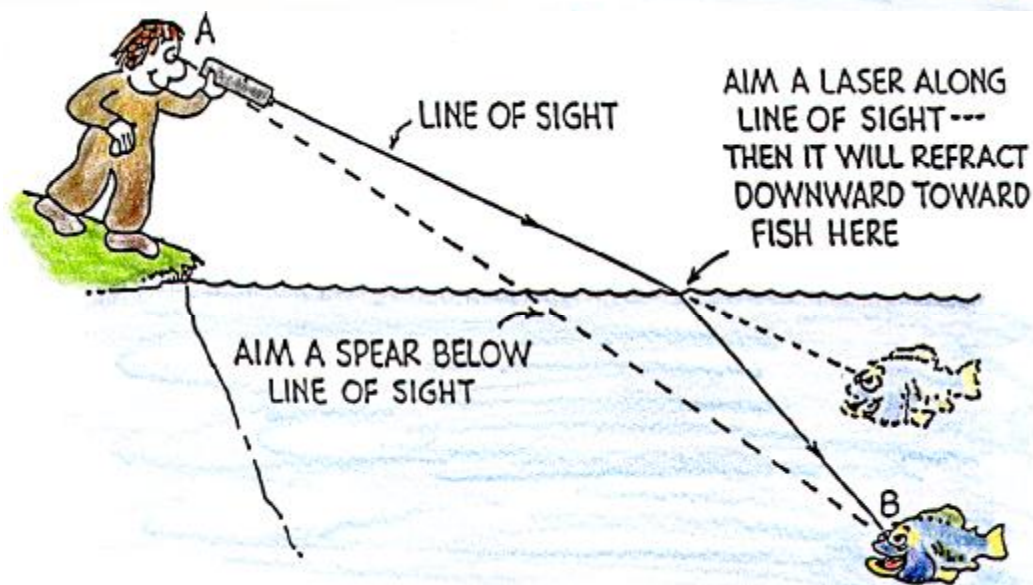
NEXT-TIME QUESTION

Huey wishes to "spear" a fish with a laser. Should he aim the laser beam above, below, or directly at the observed fish to make a direct hit?



Answer:

Huey should aim directly at the fish he sees. If he were instead throwing a spear, he's have to compensate for the refraction of light and aim below the observed fish. But not if the "spear" is a light beam!



A light path is reversible, and will go from A to B along the same path it takes from B to A.