

English

Hmong

Main Idea 3 PS 2.a
 Different materials affect light energy differently. Some materials block light energy and form shadows. Other materials allow light energy to pass through them.

Niam Tswvyim
 3 PS 2.a
 Cov twj sib txawv ua rau zog sab hnuv sib txawv. Tej cov twj thaiv zog sab hnuv thiab yees tau duab ntxoo. Lwm hom twj tso tau zog sab hnuv tshab lawv lub cev.



Opaque materials block light energy and cause a shadow or dark area to form. (pp. 370–371)

Cov **twj doog** thaiv zog sab hnuv thiab ua kom muaj ib tus duab ntxoo lossis ib thajtsam dub txawm tuaj. (pp. 370–371)



The size and shape of a **shadow** depends on the shape and distance the object is from the light source. (pp. 372–373)

Qhov loj thiab lub cev ntawm ib tus **duab ntxoo** ywj raws lub cev thiab ncuva kev ntawm hom twj uas nyob ntis sab hnuv tuaj. (pp. 372–373)



Transparent materials allow light to pass through them.
Translucent materials let some light through. (p. 374)

Cov twj **ntshiab** tso tau sab hnuv tshab lawv lub cev. Cev twj **nro** tso tau tej cov sab hnuv dhau tau. (p. 374)