

## **Unit 11: Light Waves and Color**

### **Think Sheets**

Polarization (2 pages)

Light Intensity (2 pages)

Electromagnetic and Visible Light Spectra (2 pages)

Incident, Absorbed, Reflected Model (2 pages)

Color Addition and Subtraction (3 pages)

Viewed in Another Light (2 pages)

Color and Pigments (2 pages)

Incident-Absorbed-Transmitted Model (3 pages)

(Each Think Sheet has a corresponding answer key)

### **Student Lab Sheets**

Diluted by Distance

Taking Away from RGB

M and M Lab

Filtering Away

(Each Student Lab Sheet has a corresponding Teachers Guide with answers)

### **BONUS:**

Slide Deck

ForShadowsActivity (Printable Graphics for Lab)

Protractors (.png of Color Subtraction Demo)

ShadowsActivity.docx (Student Lab)

ShadowsSetUp (Set Up for Lab)

TwoBitMapChallenge.docx (NGSS-inspired activity)