





## Experiment Possibilities

**Absorbance:** Beer's Law

**Emission:** Atomic emission

**Fluorescence:** Excited state molecules

**pH:** Henderson Hasselbalch

**Transmission:** Color measurement

## STS-VIS Microspectrometer Kit

Items	Description
STS-VIS-L-50-400-SMA	Visible microspectrometer, 350-800 nm, 50 $\mu$ m slit, SMA 905 input
ECOVIS	Low-power Vis-NIR light source (400-2500 nm) with built-in cuvette holder and chrome-plated, reflective insert
P400-1-VIS-NIR	400 $\mu$ m lab-grade patch cord, 1 m length, 400-2100 nm transmission efficiency
CVD-UV1S-SAM	8-pack of plastic cuvettes, 230-900 nm, 1.5-3.0 mL filling volume
PH-BCG-TRANS-CUV	PMMA Cuvettes with pH Patches installed (3)
EDU-CUV-DARK	Dark reference sampling accessory
CC-3	Cosine corrector with opaline glass diffusing material
OCEANVIEW	Spectroscopy software
Storage case	Rugged case to contain all kit components

