

California Content Standards

8th GRADE

**Activity 8.1:
Keep Your Head
Above Water**

**Activity 8.2:
You Are What
You Eat**

**Activity 8.3:
The Edge of the
Wedge**

Science Content Standards

8. Density and Buoyancy

All objects experience a buoyant force when immersed in a fluid. As a basis for understanding this concept:

8.a. Students know density is mass per unit volume.	X		X
8.b. Students know how to calculate the density of substances (regular and irregular solids and liquids) from measurements of mass and volume.	X		
8.c. Students know the buoyant force on an object in a fluid is an upward force equal to the weight of the fluid the object has displaced.	X	X	
8.d. Students know how to predict whether an object will float or sink.	X	X	X