Functional Perspectives Science	
Grade	**9th-12th**
Unit of Study	**3: Conservation of Energy and Energy Transfer**
Length of Unit	**Until Mastered**

Missouri Learning Standards
HS-PS3-4: Plan and conduct an investigation to provide evidence that the transfer of thermal energy when two components of different temperature are combined within a closed system results in a more uniform energy distribution among the components in the system.

Unit : Learning Targets
I can compare relative difference in temperature (warmth, coldness) of two liquids.
I can compare the temperatures of two liquids of different temperatures before and after combining.
I can investigate and predict the temperatures of two liquids before and after combining to show uniform energy distribution.

Intervention and Enrichment
Accommodations/modifications listed in IEP plan.

Assessments	
MLS (Learning Goal)	**Description or Location**
	DYNAMIC LEARNING MAPS () Dynamic Learning MAPS Science

Vocabulary			
relative difference	Temperature	combining	investigate

predict	uniform energy distribution		

Instructional Materials

- Hot vs Cold Water Experiment (Chemistry)

Additional Instructional Resources

- Equilibrium temperature of a mixture of two substances at different temperatures

Reflections for Future Revisions