

Name:

Group Members:

**Stress/Strain Analysis of Various Materials Worksheet
Classroom Coupon Analysis**

Group Members	Material	Avg. Failure Load	Avg. Displacement at Failure	Avg. Stress at Elastic Limit	Avg. Stress at Failure Point	Avg. Modulus of Elasticity	Brittle or Ductile
	0.003 Cold-Rolled Steel						
	0.003 Annealed Steel						
	0.003 Aluminum						
	0.003 Brass						
	0.005 Brass						
	0.010 Polyethylene Terephthalate Plastic						
	0.015 Polycarbonate						

Tracy L. Smith
Upper St. Clair High School