

Name		

## Stop-'N-Go Light Demonstration Worksheet

## **Discussion Questions**

1.	What is	an c	oxidation-	-reduction	reaction?
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2.	Once the indigo carmine is added to the flask containing dextr	rose solution	and sodium	hydroxide solution,	what physical
	change is observed to indicate the indigo carmine as been ful	lly reduced?			

- 3. Once the solution has been reduced what do you observe as:
  - a. The solution is shaken gently?
  - b. The solution is shaken more vigorously?
- 4. What compound reduces and what compound oxidizes the indigo carmine and what color will the solution turn in each scenario?