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Reflection Of Road Signs

The purpose for this project is to see what design and color of paint has the best reflection in nighttime so the drivers can tell which one can be recognized the best. For the procedure, the scientist painted four signs with red and silver reflective paint. To test this, the driver started at 3,250 feet away from the sign and made its way forward until the testier said when the sign was first visible and when the design on the sign was first visible. A flag was used to mark the places that the testier could recognize the signs. Data for Sherie (Subject 1) Red paint only: around 1,000 and 2,000 feet for the signs 1/1, and 1/2 A. around 200 and 300 feet for the signs 1/1, and 1/2 B. Silver paint only: around 1,000 and 2,000 feet for the signs 2/1, and 2/2 A. around 200 and 300 feet for the signs 2/1 and 2/2 B. Data for Seth (Subject 2) Red paint only: around 1,000 feet for the signs 1/1, and 1/2 A. around 200 and 300 for the signs 1/1, and 1/2 B. Silver paint only: around 1,000 feet for the signs 2/1 and 2/2 A. around 400 for the signs 2/1 and 2/2 B. After all of the testing, the conclusion was that the best sign that the testier could see had the reflective silver paint.