1. Studying Visual Trickery with the McCollough Effect

Who is impacted most by the McCollough effect?

<http://www.education.com/science-fair/article/visual-trickery-mccollough-effect/>

# Font and the Impact of the Written Word

# Does font affect test subjects’ ability to remember written information?

# <http://www.education.com/science-fair/article/font-impact-written-word/>

# Do Screen and Text Color Affect Retention?

Did certain combinations of screen and text colors lead to consistently more words being remembered?

Is there any correlation between a subject’s preferred colors and his retention?

# <http://www.education.com/science-fair/article/screen-text-color-affect-retention/>

# Marble Race: Finding Viscosity of Fluids

# Which fluids do you think are the most viscous?

# <http://www.education.com/science-fair/article/compare-viscosity-fluids/>

# Testing the Relationship Between Eye Color and Sight

# Does eye color affect a person’s ability to identify colors in low light?

# <http://www.education.com/science-fair/article/eye-color-sight/>

# Which Decaffeinated Tea Type Contains the Least Amount of Caffeine? (Advanced Student)

# <http://www.education.com/science-fair/article/decaffeinated-tea-least-amount-caffeine/>

# Antacid Potency

# Which antacid is most potent?

# <http://www.education.com/science-fair/article/antacid-potentcy/>

# Does Tea Stain your Teeth? (This would need to be modified, but could work)

# Discover how long it takes to stain egg shells (teeth) with coffee, tea, and cola.

# <http://www.education.com/science-fair/article/how-long-does-it-take-to-stain-teeth/>

# How does storage temperature affect how well popcorn pops?

<http://science-fair-coach.com/popcorn-projects-yum/>

# Pedigree Analysis: A Family Tree of Traits

Use pedigree analysis to determine how several human physical traits are inherited.

<http://www.sciencebuddies.org/science-fair-projects/project_ideas/Genom_p010.shtml#summary>

# How Much DNA Can You Pack into a Cell?

<http://www.sciencebuddies.org/science-fair-projects/project_ideas/Genom_p013.shtml#procedure>

# Balancing the Load: The See-Saw as a Simple Machine

In this experiment, you will use a playground see-saw to investigate how a simple machine works. The objective is to learn the relationship between mass and distance when the see-saw is balanced and unbalanced.

<http://www.sciencebuddies.org/science-fair-projects/project_ideas/Phys_p014.shtml#procedure>

# Centripetal Force

# Investigate the movement of an object during circular motion and determine what the centripetal force is.

# <http://www.sciencebuddies.org/science-fair-projects/project_ideas/Phys_p018.shtml#summary>

# Slip Sliding Away: Experimenting with Friction

# Compare friction between dry and icy surfaces by measuring slip angle and slip height.

# <http://www.sciencebuddies.org/science-fair-projects/project_ideas/Phys_p013.shtml>

# Which Soft Drink is the Worst for Your Teeth?

<http://www.mpmschoolsupplies.com/ideas/2838/which-soft-drink-is-the-worst-for-your-teeth/>

<http://www.education.com/science-fair/article/teeth-and-soda/>

# Does the Shape of an Ice Cube Affect How Quickly it Melts?

<http://www.mpmschoolsupplies.com/ideas/2862/does-the-shape-of-an-ice-cube-affect-how-quickly-it-melts/>