



Answers to Experiential Stations Worksheet

Blind Spot

We don't notice that we have a blind spot for several reasons:

- The blind spot falls on different areas of the field of view of each eye.
- Our brains work to fill any gaps in our field of vision.
- Small tremors in our eye muscles keep the blind spot moving.

Cool Tool

We only feel cold at certain points because our cold receptors are located only at certain places beneath our skin. In order to feel the cold pencil tip, it needs to be near one of these cold receptors.

Do the Stroop

People often laugh when doing this activity because difficult tasks make us self-conscious or nervous. The Stroop test is a difficult activity because there seems to be interference between the part of our brain which recognizes color and the part of the brain that recognizes written language.

Get the Point(s)

The areas of the face with the most nerve endings are the lips and tongue.

Heads or Tails

It was easiest to identify the penny when it was moving. You were able to tell which coin was the nickel by moving it around on your fingertips to determine its thickness and smooth edges.

Memory Box

The theme of box #2 is school supplies.

Tell Me About It

Students should mention these areas and their functions:

- Frontal Lobe-Planning
- Sensory Cortex-Touch
- Motor Cortex-Movement
- Occipital Lobe-Sight

This is Cool

We feel cool walking into a 72 degree room when it's 90 degrees outside and warm walking into the same room when it's 20 below zero because our bodies perceive change in temperature rather than absolute temperature.

Try Angle

The third try should be much easier than the previous two because connections between neurons are being reinforced with each attempt. This is why "practice makes perfect."