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Bio Lab

Lab Report #3

Human senses

INTRODUCTION

In this lab we tested the range and limit of certain senses. We tested the ear which is necessary for both hearing and balance. We tested both the focus and contrast sensitivity of the eyes. We tested our sense of taste, and finally we tested our sense of touch. These are all critical for humans to be able to function in changing environments, and so the tests of these senses have also become very important.

MATERIALS:

* PTC paper
* Alcohol wipes
* Eye test chart
* Masking tape
* Measuring tape
* Paper clips
* Ruler
* Sample containers with scent solutions
* Tuning fork

METHOD

Hearing:

* Strike a tuning fork and hold it to your forehead
* Record which ear can hear more clearly
* Repeat with one ear covered, then the other

Sight:

* Stand 20 feet away from the eye test chart
* Cover your right eye and read, then your left eye and read
* Record the lowest line you were able to read

Taste:

* Taste each PTC strip in order
* Assess whether or not you are able to taste each strip accurately

Touch:

* Set the calipers to 2cm and touch the back of your partner’s hand
* Touch their hand 10 times using 1 or 2 points in random order
* Record whether they can differentiate the points
* Repeat at 0.5cm
* Repeat on back of the upper arm