Notes for Wednesday, September 25, 2013

We discussed what reaction rate is and possible influences that may affect someone’s reaction rate.

We narrowed it down to two testable independent variables:

* temperature
* music.

We completed the first page of the Reaction Rate Scientific Investigation by filling in as follows:

Question: To what extent does temperature affect my reaction rate?

OR

To what extent does listening to music affect my reaction rate?

Control: 20 trials as room temperature

OR

20 trials without listening to music

Independent Variable: temperature OR music

Dependent Variable: reaction time

Hypothesis: If the temperature of my hands gets colder, then my reaction rate will get slower.

OR

If I listen to music, then my reaction rate will get slower.

Materials: Both: ruler, conversion table for cm. to sec.

Temperature: ice and ice chest

Music: ipod and ear buds

Review the procedures for the investigation for tomorrow.

Reviewed together and signed the Lab Safety Contract.