



THE FAST AND THE FURIOUS

PRINCIPAL INVESTIGATOR

INSTRUCTION SHEET

I. ACTIVITY

In this activity you will measure human reaction time.

II. MATERIALS

Have the Materials Manager collect the materials for the activity and bring to the team work station.

Principal Investigator Sheet
Data Sheet
Accelerometer

III. DATA COLLECTION/PRESENTATION

The Principal Investigator will direct the measurement of the reaction times for each team member. The goal is to obtain three good times for each member.

1. Control for width between the fingers using width of accelerometer.
2. Control for the start point – 1 to 3 seconds after the “Ready” response.
3. Control for hand-forearm position – forearm level on table hand extended.
4. No zero values are allowed – this requires a do-over.
5. The team member must approve all his/her attempts.

The Recorder-Reporter will enter all team member’s times on the Data Sheet and calculate each member’s average and the team average.

IV. GROUP CLEAN UP

The Maintenance Director will direct the clean-up of the work station and the Materials Manager will return the equipment to the materials area.