



*Exploring the World of Science*

Inaugural University of Michigan  
Science Olympiad Invitational Tournament

# Experimental Design

Test length: 50 Minutes

Team number: \_\_\_\_\_

School name: \_\_\_\_\_

Student names: \_\_\_\_\_

## **Your topic for today is: PHYSICS**

You must use the provided materials to design an experiment around the topic of physics (you are *not* required to use all of the materials).

Teams who fail to clean up after themselves will have 5 points deducted automatically.

**Provided Materials:** (If your team is missing any of these materials, talk to the Event Supervisor and they will get them for you.)

- Stopwatch (1)
- 8.5x11 paper (5 sheets)
- Paperclips (10)
- Rubber bands (3)
- Bouncy ball (1)
- Ruler (1)
- Protractor (1)
- Tape (at the front of the room - take as much as you need)
- String (at the front of the room - take as much as you need)
- Scissors (1 pair)

**GOOD LUCK!!**



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