



FOR IMMEDIATE RELEASE
MEDIA ADVISORY – Tuesday, October 2, 2018
Fargo Public School District #1

STUDENTS SERVE AS TEST SUBJECTS FOR SCIENCE LAB DENSITY EXPERIMENT

It isn't every day that you can be the test subject for your own science lab experiment!

WHAT: Human Density Lab Experiment
WHEN: **Thursday, October 4,** 2018 during various class periods – **see schedule below.**
WHERE: Science Lab Room 134, Ben Franklin Middle School, 1420 North 8th Street, Fargo
CONTACT: **Barry Olson**, Ben Franklin science instructor, 701.446.3734 or olsonb@fargo.k12.nd.us for more information.

The eighth graders at Ben Franklin Middle School will serve as their own science lab test subjects on Thursday, October 4 as they close out their Earth Science curriculum study unit on Density. Density is mass per unit of volume. The students will measure human body density using a series of measurements and mathematical calculations – including fully submerging themselves in a barrel full of 100 liters of water.

The lab experiment was designed by eighth grade science instructor Barry Olson. The students will first measure their body mass (weight) on a scale and convert it to grams. While fully submerged in the barrel of water, lab partners will measure the amount of water displacement that occurs for each student, measured in milliliters. Each student will then plug their individual numbers into the appropriate formula to determine their body density. (Human density calculates out to approximately 1 gram per milliliter.)

Class Period Schedule for the Density Lab Experiments:

Period 1 – 8:50 to 9:37 a.m.

Period 2 – 9:41 to 10:25 a.m.

Period 3 – 10:29 to 11:13 a.m.

Period 5 – 12:27 to 1:11 p.m.

Period 7 – 2:03 to 2:47 p.m.

[END]