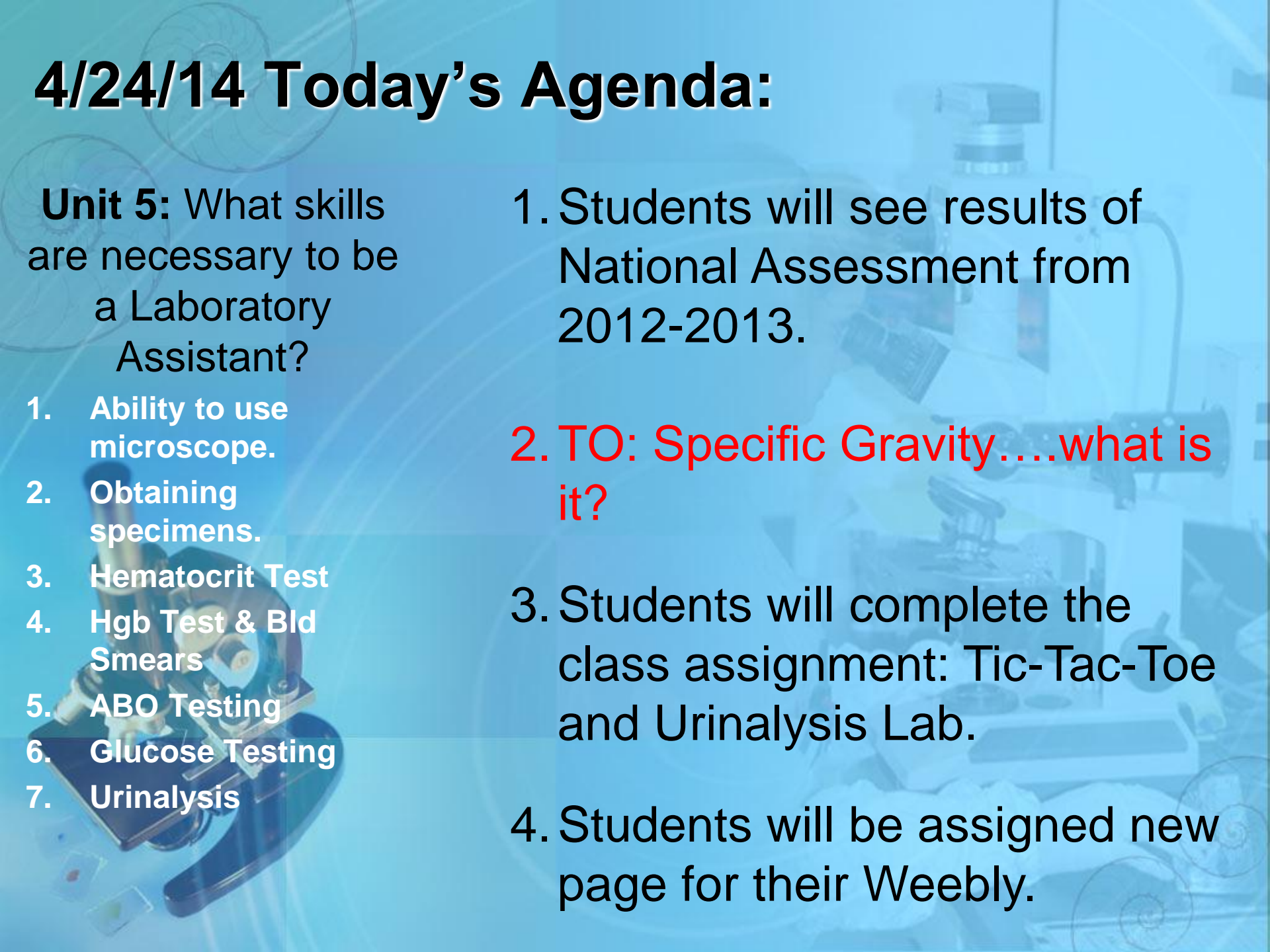


4/24/14 Today's Agenda:

Unit 5: What skills are necessary to be a Laboratory Assistant?

1. Ability to use microscope.
 2. Obtaining specimens.
 3. Hematocrit Test
 4. Hgb Test & Bld Smears
 5. ABO Testing
 6. Glucose Testing
 7. Urinalysis
- 

1. Students will see results of National Assessment from 2012-2013.
2. TO: Specific Gravity....what is it?
3. Students will complete the class assignment: Tic-Tac-Toe and Urinalysis Lab.
4. Students will be assigned new page for their Weebly.

Specific Gravity

- Def: weight of a substance compared to the wt of distilled H₂O, in equal volumes.
 - The wt of urine compared to the weight of distilled H₂O of the same amount.
- Wt of distilled H₂O = 1.000
- Normal range for urine = Sp. Gr. 1.005 – 1.030
 - <1.005 = excessive fluid intake, kidney dz, diabetes
 - >1.030 = dehydration, glycosuria



How to measure Sp. Gr.

Refractometer:

- 1 drop of urine placed on refractometer
- Sp. Gr. read by looking thru ocular
 - Must be calibrated c distilled H₂O regularly

