

Name _____

Date _____

Grade 8 Science, Structure of Atoms: Flipped Lesson At-home Student Guide for use with the *DynaNotes Plus* App

Tonight, instead of working out science homework problems, your assignment is to learn more about elements, atoms, and subatomic particles. Your job is to read and view instructional materials tonight so that you're ready to work problems out in class tomorrow. Please initial each of the following as you complete that step of tonight's preparation.

Your
Initials

_____ Read the section titled "Structure of Atoms" from the *DynaNotes Plus* app.

Look at the table. Which atom part(s) has a mass of about 1/2000 amu (amu = atomic mass unit)? _____

Using the second example, describe the number, location, charge, and atomic mass of Lithium's protons.

number of protons: _____

location: _____

charge: each proton has a _____ charge

atomic mass: each proton has a mass of _____

_____ View the Khan Academy video titled "Elements and Atoms" from the *DynaNotes Plus* app.

_____ Record your questions or ideas by adding a text note to the "Structure of Atoms" section of the *DynaNotes Plus* app. You can also use the work area below to show some of what you have learned this evening. You can capture any work with a photo note.

**Open Area for
Student Notes
or Work:**

Atom Part	Electrical Charge	Atomic Mass	Location within Atom