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| **Goal 1:**  Structure of an atom  **Pick 2-3** →  Image result for structure of an atom | Read [“Inside the Atom” CK12 Flexbook](https://www.ck12.org/book/CK-12-Physical-Science-For-Middle-School/section/5.1/). Update your note guide by answering the learning targets. | | | |
| Choice A – Videos  [Video #1](https://youtu.be/hhbqIJZ8wCM)  [Video #2](https://youtu.be/sRPejoNktKE)  [Video #3](https://youtu.be/o-3I1JGW-Ck) | Choice B - Tutorial  [ChemThink Atomic Structure Tutorial](https://unctv.pbslearningmedia.org/resource/lsps07.sci.phys.matter.theatom/the-atom/#.WZrQbFGGPIU) | Choice C - Additional Readings  [Website #1](http://education.jlab.org/qa/atom.html) and [Website #2](http://education.jlab.org/qa/pen_number.html) | Choice D – SlideShare  View the [SlideShare](https://www.slideshare.net/dankelly418/atoms-13462771) presentation on atoms |
| As a whole class, we will build models of different atoms, using [Carolina Biological’s Atomic Elements app](https://itunes.apple.com/us/app/building-atoms-ions-isotopes/id437002429?mt=8). This app can be found in iTunes and is free for download, if you wish to continue playing with the app on your own. | | | |
| Science Talks – With your shoulder partner, discuss the parts of an atom and the significance of the atomic number and atomic mass. | | | |
| Related image | Check Up – Your goal for content mastery is 80% or better on the assessment | Choice A – Move to Goal #2 if you showed content mastery | Choice B – Use the [Parts of an Atom Quizlet Flashcards](https://quizlet.com/_3m41vq) and your note guide to remediate and build fluency | Choice C – Find a peer or your teacher for small group remediation and review in preparation for credit recovery |
| **Goal 2:**  Periodic Table of Elements  Image result for periodic table of elements icon | Step 1 - *Rally Read* [“Modern Periodic Table of Elements” CK12 Flexbook.](https://www.ck12.org/chemistry/modern-periodic-table/lesson/Modern-Periodic-Table-MS-PS/?referrer=concept_details)  Update your note guide by answering the learning targets. | | | |
| Step 2A – Explore [Chem4Kids](http://www.chem4kids.com/files/elem_intro.html) | | Step 2B – Read the [Periodic Table Summary](http://mcdowellmatter.weebly.com/atomspte1.html) found on the learning module | |
| Step 3 - Find a shoulder partner and have the following discussions:  1) How best to define an element  2) Compare/contrast an atom and element  3) Explain how the Periodic Table of Elements is organized and the meaning of Periods and Groups | | | |
| **Artifact** | Create an artifact which is modeled after the Periodic Table of Elements, using whatever items/information you wish. Remember our discussions in class about why elements are grouped the way that they are! View some examples that I found online on the learning module. | | | |
| Related image | Check Up – Your goal for content mastery is 80% or better on the assessment | Choice A – Move to the Quiz if you showed content mastery | Choice B – Visit the [How Stuff Works](http://science.howstuffworks.com/periodic-table.htm) site on the PTE to help remediate and build fluency. (Multiple pages) | Choice C – Find a peer or your teacher for small group remediation and review in preparation for credit recovery |

**Quiz Preparations**

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| Image result for quiz icon | Step 1 - Spend 15 minutes working on filling in the appropriate answers to the study guide. DO NOT use your note guide or any other resource! | Step 2 – Spend another 10 minutes in Science Talks with your peers and note guide. Use the [answer key](http://mcdowellmatter.weebly.com/atomspte1.html) which is found on the learning module, to check your answers, fill in missing responses or make necessary changes. | Step 3 – Play [Quizizz](https://quizizz.com/admin/quiz/5832d422f3c54bbd507cc874/6p21-atom-pte) in class and try to score 80% or better. Your teacher will provide you with the class code. | Step 4 - Take your quiz and post your answers to Edmodo. Your teacher will provide you with directions for credit recovery if you score below an 80%. |