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| Date | Topic | Online Resources |
| Mon - 9/8 | (Mrs. Border out in the pm)  Continuation of Function Notation – Textbook journal activity with the Glencoe algebra books | [Intro to Function Notation](https://www.youtube.com/watch?v=FoDHSqQZuiw&noredirect=1)  [Function Notation Lesson](http://www.algebra.com/algebra/homework/Functions/Functional-Notation-from-Basic-Algebra-by-Rapalje.lesson)  [LearnZillion Video on Evaluating Functions](https://learnzillion.com/lessons/2469-evaluate-functions-written-in-function-notation) |
| Tues -9/9 | SBAs will be handed out and the re-test process explained.  Continue with Function Notation and possibly compound functions for students who have grasped the concept | [Lesson on Composite Functions](https://www.youtube.com/watch?v=qxBmISCJSME) |
| Wed – 9/10 | Begin arithmetic sequences.  Writing recursive and explicit formulas for an arithmetic sequence | [Video on Writing a Recursive Formula](https://www.youtube.com/watch?v=kl9IYrFNX0g)  [Video on Writing an Explicit Formula](https://www.youtube.com/watch?v=uMc7IJ0YjV4) |
| Thurs – 9/11 | Continue with arithmetic sequences |  |
| Fri – 9/12 | **SBA – Function Notation and Arithmetic Sequences** |  |
| Mon – 9/15 | Properties of Functions including domain/range, increasing/decreasing, min/max, continuous/non-continuous, and zeros and roots | [Math Dude Video on Function Properties](https://www.youtube.com/watch?v=qjVB07yN5VE) |
| Tues – 9/16 | Linear vs non-linear functions | [Linear or Non-Linear Lesson](https://www.youtube.com/watch?v=ak1ech9Q8F0) |
| Wed – 9/17 | (Mrs. Border out all day)  Vase Activity and possibly Harold’s trip activity |  |
| Thurs – 9/18 | **SBA – Properties of Functions** |  |

* The calendar could change based on students’ needs.