**Sequencing Rationale**

The unit of Force and Motion is sequenced in the order that I have provided because like most concepts taught in a science or math classroom the topics/content builds upon one another.

This unit has been divided into two subunits: motion, acceleration and forces, and Newton’s laws of motion. The first unit, motion, acceleration and forces, takes a look at each of those concepts individually. At the conclusion of the first sub-unit students will be able to calculate average speed and average acceleration. They will also be able to interpret and create different types of graphs.

The second unit, Newton’s laws of motion, explores each of the individual three laws of motion. It provides real life examples and also allows for students to learn how to calculate necessary formulas/equations.

Without learning one concept before another, students would be unable to complete a certain aspect of the unit. This sequence makes the most sense, so that students can be successful, and learning and be meaningful.