**Name: Block: Date: .**

**Newton’s Laws of Motion Choice Board.**

**Directions: complete 3 in a row, they can be across, up and down or diagonal.**

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| **Collect** 25 facts or more about Newton’s 1st Law of Motion that aid in your understanding. You must use complete sentences, and explain thoroughly.  (*knowledge*) | **Dramatize**  Write a skit informing the class about the Second or Third Law of Motion.  Skit must last at least 2 minutes, and include all key vocabulary.  (*synthesis*) | **Compare** **and** **Contrast**  the three laws of motion, you may draw 3 detailed diagrams, write a 3 paragraphs, or create a detailed graphic that shows the similarities and differences between the three laws of motion.  *(analysis*) |
| **Draw** a diagram or picture on white (computer) paper to show how the three laws of motion work, these must be detailed and include labels for each of the laws, as well as vocabulary to describe what is occurring in your diagrams. You must give at least 5 example problems about motion, force, mass, acceleration, etc…  (*application*) | **Teach** a lesson to the class about one of the laws of motion.  Lesson should last 7 minutes, and be at least 5 slides with pictures or diagrams, AND words.  This could be in the form of GoogleSlides, or Prezi, with you to explain and talk about your lesson.  (*synthesis*) | **Write** an article (1pg typed, 12 point font, double spaced) for the newspaper about the impact of the three laws of motion on our understanding of force and motion, or the way that things act or move in the universe, and draw a cartoon to go along with it.  *(evaluate*) |
| **Predict**  Pretend you are an astronaut for NASA, and while in a space shuttle orbiting the Earth, you throw a ball out of the air lock. Predict what will happen to the ball. Use at least 6 vocabulary words, and write 2 Paragraphs explaining your reasoning, then come explain it to the teacher.  (*synthesis*) | **Make** **a** **Judgement** about which of the three laws of motion has the most impact on you in your daily life. Write 2 paragraphs on why you believe this law of motion (1, 2 or 3) has the most impact on you. Include at least 8 vocabulary words from our vocabulary list (last week’s and this week’s)  *(evaluate*) | **Build** a small display with craft materials( white paper, markers, colored pencils, popsicle sticks, etc…) to showcase one of the three laws of motion (your choice) Be sure to incorporate at least 5 facts about your chosen topic through labels for people to understand what your display means.  (*application*) |

**Extra Special BONUS: (5 pts)**

**Create a product about the three laws of motion.**

**Examples: a rap, poem, short story, set of quiz questions, etc…**(*synthesis*)