



# 8<sup>th</sup> Grade Science STAAR Review



|                                                                                                                                                                                                               |                                                                                                                                                                                                                                  |                                                                                                                                                                                                           |                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1. MATTER AND ENERGY</b><br/>The type of subatomic particles found only in the outermost shell of an atom that determine its reactivity are called _____.</p> <p>_____</p>                              | <p><b>2. ORGANISMS AND ENVIRONMENT</b><br/>In an energy pyramid, only _____ % of energy transfers up to the next level of consumers, but the _____ contain the most energy because they get it all from the sun.</p>             | <p><b>3. FORCE, MOTION, AND ENERGY</b><br/>The word that describes speed with a direction is _____, but if it changes, such as speeding up, slowing down, or turning, it is then called Acceleration.</p> | <p><b>4. EARTH AND SPACE</b><br/>To rotate means to _____ on an axis, while revolve means to make a path _____ the sun.</p>                                                                               |
| <p><b>5. EARTH AND SPACE</b><br/>This is the type of plate boundary that creates landforms such as volcanoes, islands, and mountain ranges.</p> <p>_____</p>                                                  | <p><b>6. ORGANISMS AND ENVIRONMENT</b><br/>When an ecosystem begins, it starts with small plants, and over time the amount of plant life grows. What kind of plants grow after grass has grown in an ecosystem?</p> <p>_____</p> | <p><b>7. EARTH AND SPACE</b><br/>Earth's axis is tilted at about 23.5 degrees. During summertime in the Northern Hemisphere, Earth's northern axis is tilted _____ the sun.</p>                           | <p><b>8. ORGANISMS AND ENVIRONMENT</b><br/>The Respiratory System of the human body helps us breathe. The parts of this system consist of the trachea, diaphragm, and _____.</p>                          |
| <p><b>9. ORGANISMS AND ENVIRONMENT</b><br/>This type of factor in an ecosystem represents the non-living parts that organisms need to survive, like sunlight, water, and soil.</p> <p>_____ Factors.</p>      | <p><b>10. EARTH AND SPACE</b><br/>This type of star has a very high temperature, but is low luminosity.</p> <p>_____</p> <p>_____</p>                                                                                            | <p><b>11. MATTER AND ENERGY</b><br/>Elements with the same number of energy levels can be found in the same _____ on the Periodic Table, going left to right.</p>                                         | <p><b>12. FORCE, MOTION, AND ENERGY</b><br/>To find the speed of an object, you must divide the object's _____ by the amount of _____ it took to make.</p>                                                |
| <p><b>13. ORGANISMS AND ENVIRONMENT</b><br/>The six kingdoms of life consist of organisms classified into groups. The six kingdoms are Archaeobacteria, Eubacteria, Protista, Animals, Plants, and _____.</p> | <p><b>14. MATTER AND ENERGY</b><br/>The Law of Conservation of Mass states that matter cannot be _____ or _____ because what you start with in a chemical reaction must be equal to what you end with.</p>                       | <p><b>15. EARTH AND SPACE</b><br/>During a Spring Tide the Sun, Moon, and Earth make a straight line. The moon phase during a spring tide can be a full moon or a _____.</p>                              | <p><b>16. ORGANISMS AND ENVIRONMENT</b><br/>A Chloroplast is a type of cell organelle that can only be found in plant cells. This organelle helps plants turn _____ into usable energy for the plant.</p> |

# Alief Isd 8th Grade Science Staar Review

**N Colangelo**



## **Alief Isd 8th Grade Science Staar Review:**

## The Enigmatic Realm of **Alief Isd 8th Grade Science Staar Review**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Alief Isd 8th Grade Science Staar Review** a literary masterpiece penned with a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of people who partake in its reading experience.

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