CARD SORT

| **Card Sort instructions:** Organize the cards into columns that differentiate disciplinary core ideas from phenomena statements. Match each disciplinary core idea with its corresponding phenomenon. |
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| **Disciplinary Core Ideas** | **Phenomena** |
| How is energy transferred between objects or systems? | How can a short sequence of dominoes topple a skyscraper-sized block? |

| What evidence shows that different species are related? | How was the Malagasy Hawk Moth (Xanthopan morganii praedicta) predicted to exist 20 years before it was found? |
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| What is biodiversity, how do humans affect it, and how does it affect humans? | Why is the Great Barrier Reef turning white? |
| What are the characteristic properties and behaviors of waves? | How do water waves destroy beaches and nearby roads? |

| How do particles combine to form the variety of matter one observes? | Why are people being hospitalized every year from mixing household chemicals such as bleach and ammonia? |
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| What are the predictable patterns caused by Earth's movement in the solar system? | Why do the Northern Hemisphere and Southern Hemisphere have opposite seasons? |