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| **Climate vs. Weather**  **Modeling Card Game**  **RCP 8.5 Scenario**  **(START)**  **1** |  | **The deck of cards represents the current potential number of Hot, Cold and Average monthly global temperature.**  Shuffle and Deal a total of 12 cards from the deck to the players in your group. |
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| **Climate vs. Weather**  **Modeling Card Game**  **RCP 8.5 Scenario**  **2** |  | **The use of fossil fuels remains high with few restrictions placed on greenhouse gas emissions.**  Remove two 2’s two 4’s  Add two Kings two Queens  Shuffle and Deal 12 cards from the deck to the players in your group. |
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| **Climate vs. Weather**  **Modeling Card Game**  **RCP 8.5 Scenario**  **3** |  | **Rapid population growth results in increasing demand of food and material products.**  Remove two 2’s and three 4’s  Add one King and four Aces  Shuffle and Deal 12 cards from the deck to the players in your group. |
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| **Climate vs. Weather**  **Modeling Card Game**  **RCP 8.5 Scenario**  **4** |  | **Although energy demands remain high, the development of new and more efficient technologies is slow.**  Remove one 2 and three 3’s  Add four Aces  Shuffle and Deal 12 cards from the deck to the players in your group. |