**RESILIENCE STRATEGY CARDS**

Directions: Each student group should receive all 21 cards. Cut the cards out individually and do not include the category. Mix up the cards and add them to a Ziploc bag for each group to use. You can use an uncut version as a key for wrap up or if there are questions.

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| **Movement and Innovation** | **Capturing and Storage** | **Efficiency and Reuse** |
| MIGRATION: Migrate to follow seasonal water sources.  **Transfer with solid fill** | RAIN HARVESTING: Use rainwater harvesting techniques to trap rainwater as it falls.  **Cloud With Lightning And Rain with solid fill** | MORE EFFICIENT APPLIANCES: Encourage buying appliances that use less water.  Washing Machine with solid fill |
| RECYCLING: Use water recycling technology at sewage treatment plants  Recycle outline | EARTHWORKS: Dig earthworks like basins and berms to stop water from running off the site  Bucket and shovel outline | COMPOSTING TOILETS: Encourage composting toilets that do not use water  Toilet with solid fill |
| MORE EFFICIENT TECHNOLOGY: Develop appliances that use less water  Cloud Computing with solid fill | REUSE: Find a way to clean and reuse water that makes its way into storm drains  Recycle with solid fill | IRRIGATION: Use more efficient irrigation  Watering Plant with solid fill |

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| DESALINIZATION Desalinate (remove salt) from seawater and transport it to arid lands.  Salt And Pepper outline | ROAD WORKS: Put curb cuts and basins along roads to absorb more water.  Fork In Road outline | RECYCLING: Recycle wastewater by cleaning it and recharging it back into the ground.  Sustainability outline |
| Road with solid fillPERMEABLE PAVEMENT: Pave roads with materials like permeable concrete that allows water to get to the soil underneath. | Hill scene outlineMOUNDS: Dig mounds around plant crops to trap rainwater. | Judge female with solid fillENFORCEMENT: Encourage laws that discourage high water use like lawns and golf courses. |
| CROPS: Use crop varieties that use less water and are adapted to arid lands.  Crops outline | WATER: Find newer sources of groundwater.  Water outline | PLANTS: Plant native vegetation that uses less water.  Plant With Roots outline |
| POLLUTION: Reduce pollution that occurs on streets so rainwater is not contaminated.  Power Plant outline | Leaky Tap outlineLESS USAGE: Use less water from surface water sources. | COST: Raise the price of water so it costs more to use.  Money outline |