1.9 Activity: Classifying Matter

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| Station | Description of substance  | Type of matter(be specific) | Reason(s) |
| Example | dishsoap | Mixturehomogeneous | It contains many things, only 1 is seen |
| 1 | Water & oil | Mixturehetero | 2 things seen |
| 2 | Water | Pure substanceCompound | 1 type of particle with different atoms |
| 3 | Steel wool | mixturehomogeneous | Carbon & ironSee 1 thing |
| 4 | Water & Food Colouring | Mixturehomogeneous | More than 1 ingredient we see 1 thing |
| 5 | Aluminum Foil | Pure SubstanceElement | We see 1 thing made of 1 atom |
| 6 | Water & Sand | MixtureHetero | 2 things with multiple ingredients |
| 7 | Antifreeze | MixtureHomogenous | More than 1 ingredient, we see 1 thing |
| 8 | Baking Soda | Pure substancecompound | Many atoms, same compounds |
| 9 | Sulfur | Pure substanceelement | 1 type of atom |
| 10 | Carbon | Pure substanceelement | 1 type of atom |
| 11 | Pure water | Pure substanceCompound | Different atoms, same particle |
| 12 | Iodine | Pure substanceElement | 1 type of atom |