## Activity for the Periodic Table of Elements

* Look at the items in all 24 squares below in terms of similar characteristics
* You will arrange the squares into columns and rows based on a recognizable pattern of the items
* Fill in the bottom table showing your “Periodic Table of Foods” as follows:
* Give a name to each “Group” or “Family”
* The order of the foods should follow the order for the electromagnetic spectrum from lowest frequency (left side) to highest frequency (right side) as indicated in each square

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Pork0.5 lbradio | Salmonsteak microwave | Beans5 podsultraviolet | Milk1 gallonvisible ROY | Grapes1 twiggamma | Beef0.25 lb radio | Tomato Soup8 ozinfrared | Rye1 loafvisible GBIV |
| Stew32 ozinfrared | Spaghetti1 potx-rays | Bananas1 bunchgamma  | Clams1 bushel microwave | Cheese1 slicevisible ROY | Celery1 stalkultraviolet  | Eggs1 dozenvisible ROY | Barley1 stalkvisible GBIV |
| Chicken Noodle 16 ozinfrared | Wheat flour2 lbsvisible GBIV | ShrimpCocktailmicrowave | Rigatoni1 bitex-rays | Chicken1. lb

radio | Apple1 bushelgamma | Cucumber1 plant ultraviolet | Macaroni1 bowlx-rays |

### Periodic Table of Foods

|  |  |  |  |  |  |  |  |
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| --- | --- | --- | --- | --- | --- | --- | --- |
| Meatradio | Seafoodmicrowave | Soupinfrared | DairyVisible ROY | BreadsVisible GBIV | Vegetablesultraviolet | Pastax-rays | Fruitgamma |
| Beef0.25 lb  | Shrimpcocktail | Tomato Soup8 oz | Cheese1 slice | Rye1 loaf | Beans5 pods | Rigatoni1 bite  | Grapes1 twig |
| Pork0.5 lb |  Salmonsteak | Chicken Noodle 16 oz | Eggs1 dozen | Barley1 stalk | Cucumber1 plant  | Macaroni1 bowl | Bananas1 bunch  |
| Chicken1.0 lb  | Clams1 bushel  | Stew32 oz | Milk1 gallon | Wheat flour2 lbs | Celery1 stalk | Spaghetti1 pot | Apple1 bushel |

What guidelines did you use to make your Periodic Table of Foods?

* How did you determine “Groups”?

Similar food groups

* How did you determine “Periods” or “Rows”?

Increasing amounts within each food group