**Periodic Table Worksheet**

1. What are the columns in the periodic table called?
2. Which elements have more in common with each other: Elements in the same column or elements in the same row of the periodic table?
3. What are the general properties of the halogens? Are they likely to be reactive when placed in contact with the noble gases?
4. Which elements would be best for making a spacecraft? Why?
5. Which elements would be best for making a nuclear reactor? Why?
6. Gold is a common material used to make jewelry. Explain why sodium isn’t also used to make jewelry, despite the fact that it, too, can be fashioned into the correct shapes.