

### Experiment 3: Investigating Periodic Trends

Grading Rubrics for \_\_\_\_\_

#### Notebook (out of 10): \_\_\_\_\_

-1: No title and names of experimenters at the start

-1: Pages not all numbered and dated

#### Documentation of Procedure

	Parts I and II	Part III	Part IV
Excellent	+1	+1	+1
Very Bad or Missing	-1	-1	-1

#### Documentation of Observations

	Parts I and II	Part III	Part IV
Excellent	+1	+1	+1
Very Bad or Missing	-1	-1	-1

-1: Clear error in recording an observation

#### Data Analysis (out of 10) \_\_\_\_\_

-1: No explanation of solubility preference in Part II

-2: No balanced chemical equations in Part III

-1: Halide reactivity reversed in Part III

-1: Switched trend in Part IV

-2: Major errors in conclusion

#### Advanced Study Assignment (raw score out of 30; converted to **out of 5**) \_\_\_\_\_

#### **TOTAL (out of 25)** \_\_\_\_\_