

# Science Journal: Activity C12a: Electron Patterns (Optional Worksheet)

Investigator: \_\_\_\_\_

Date: \_\_\_\_\_

Atomic # Symbol	Name	Electron Configuration	Highest "Floor"	Lewis Dot
1 H	Hydrogen	1s <sup>1</sup>	1	H •
2 He	Helium			
3 Li	Lithium			
4 Be	Beryllium			
5 B	Boron			
6 C	Carbon			
7 N	Nitrogen	1s <sup>2</sup> 2s <sup>2</sup> 2p <sup>3</sup>	2	•N•
8 O	Oxygen			
9 F	Fluorine			
10 Ne	Neon	1s <sup>2</sup> 2s <sup>2</sup> 2p <sup>6</sup>	2	•Ne•
11 Na	Sodium			
12 Mg	Magnesium			
13 Al	Aluminum	1s <sup>2</sup> 2s <sup>2</sup> 2p <sup>6</sup> 3s <sup>2</sup> 3p <sup>1</sup>	3	•Al•
14 Si	Silicon			
15 P	Phosphorus			
16 S	Sulfur			
17 Cl	Chlorine			
18 Ar	Argon			
19 K	Potassium			
20 Ca	Calcium			