

Name: Class Copy

Period:      Subject: Int Science

# Activity 2 - Learning the Alphabet

## Activity

**Your task is to arrange a group of Aliens in some logical pattern so that they form an organized rectangular block.**

Within each **group** (column), all the Aliens in that group must be *exactly the same* in some way (the **Key Similarity**), AND must also share some *feature that changes regularly* as you move down the group (the **Varying Trait**). Similarly, within each **period** (row), all the Aliens in the period must be *exactly the same* in some way, AND must also share some *feature that changes regularly* as you move across the period.

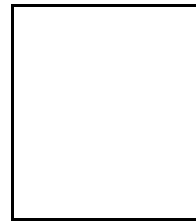
Two Aliens are missing from your set—simply leave empty spaces in your rectangular block for these Aliens. Once you have finished arranging your Aliens, have your teacher look at your block to check it before you proceed to answering the questions that follow. Be prepared to answer any questions the teacher may have about why you placed the Aliens in the order you did. *Good luck!!*

1. How many **groups** of Aliens do you have?      How many **periods**?     

**For Questions #2 and 3, list five statements in your lab book describing what the missing alien looks like, and then draw it next to your descriptions (like below):**

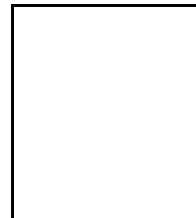
### 2. Missing Alien #1

- I.
- II.
- III.
- IV.
- V.



### 3. Missing Alien #2

- I.
- II.
- III.
- IV.
- V.



4. Enter the following table into your notebook. If your table is 8 rows and 5 columns, then switch the labels for “**Group**” and “**Period**” listed below. Then, list the **Key Similarity** and the **Varying Trait** for the Aliens in that group or period. Be specific, yet concise.

Group/Period	Number	Key Similarity	Varying Trait
Group	1		
Group	2		
Group	3		
Group	4		
Group	5		
Group	6		
Group	7		
Group	8		
Period	1		
Period	2		
Period	3		
Period	4		
Period	5		

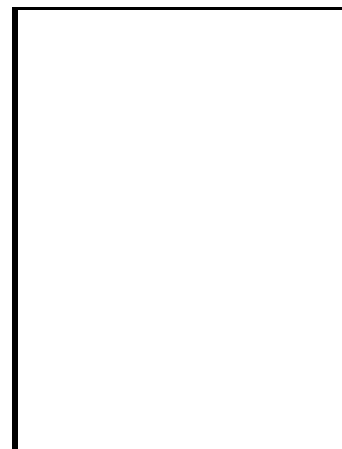
5. The ‘Next’ Alien! Go one period or one group past your existing rectangular block. Describe and draw what the ‘next’ Alien might look like...

Group \_\_\_\_\_ Period \_\_\_\_\_

**The ‘Next’ Alien**

Stuff we know for sure:

Stuff we really don’t know...



Drawing