

**EARTH AND LIFE SCIENCE LABORATORY ACTIVITY SHEET**  
**Lesson 5 Build**

Name: \_\_\_\_\_  
Grade and Section: \_\_\_\_\_

For this lesson's *Build* activity, you will be interpreting the map of a river basin.

*Procedure:*

1. Through an internet browser on your desktop or laptop computer, visit the following URL:  
<https://www.geoportal.gov.ph/>
2. Zoom the island of Panay into view.
3. In the "Search Layer" bar on the left side of your screen, type "Major River Basin" and enter.
4. The Jalaur River Basin should come into view. Zoom the view closer or farther as needed (using the "+" and "-" buttons on the screen) such that the whole basin and the font size of the names of towns in it are also readable.
5. Take a screenshot of your map, print it, and paste it here:

6. List twenty (20) towns that are found within the basin. Some of the towns have been listed for you:

- |                           |             |
|---------------------------|-------------|
| i. parts of Santa Barbara | xiii. _____ |
| ii. parts of Dumarao      | xiv. _____  |
| iii. parts of Tapaz       | xv. _____   |

- iv. parts of Leganes
- v. \_\_\_\_\_
- vi. \_\_\_\_\_
- vii. \_\_\_\_\_
- viii. \_\_\_\_\_
- ix. \_\_\_\_\_
- x. \_\_\_\_\_
- xi. \_\_\_\_\_
- xii. \_\_\_\_\_

- xvi. \_\_\_\_\_
- xvii. \_\_\_\_\_
- xviii. \_\_\_\_\_
- xix. \_\_\_\_\_
- xx. \_\_\_\_\_
- xxi. \_\_\_\_\_
- xxii. \_\_\_\_\_
- xxiii. \_\_\_\_\_
- xxiv. \_\_\_\_\_

7. Towards what body of water does the River Basin drain into? \_\_\_\_\_

8. Along what general direction does the River Basin flow?

North to South       South to North       East to West       West to East

9. The streams that drain the Jalaur River Basin have only one outlet. In what town is this outlet located? (Hint: Adjust the opacity of the River Basin layer by using the slider adjacent to the name of the layer.)



\_\_\_\_\_

10. Group the towns you listed in No. 5 based on their location within the basin:

Upstream (elevated area)	Downstream (flat area)

10. Check the cell of the part of the basin in which you would expect:

Upstream	Downstream	Features/phenomena
		Sediments with angular than rounded shape

		Sediments with rounded than angular shape
		The formation of a delta, a type of transition sedimentary environment
		Occurrence of rockfalls
		Occurrence of flooding