Name_____ Block 1 3 4 5 DUE: Friday, March 6th

weekly HOMEWORK: science

8.E.1.1 – Structure of the Hydrosphere
Explain the structure of the hydrosphere including:
☁Water distribution on earth.
☁Local river basins and water availability.

MARCH 2015
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MONDAY	TUESDAY	WEDNESDAY	THURSDAY
2 💡	**3** 💡	**4** 💡	**5** 💡
8.E.1.1 Vocabulary	8.E.1.1 Critical Thinking	8.E.1.1 Critical Thinking	8.E.1.1 Critical Thinking
MAKE FLASHCARDS 1. Polarity 2. Cohesion 3. Adhesion 4. Solvent 5. Hydrosphere 6. Ice caps/glaciers 7. Aquifers/wells 8. Watersheds/river basins 9. Impermeable 10. Permeable 11. Groundwater 12. Tributary	**ANSWER** 1. Compared to millions of years ago, how much water is present on Earth today? Is it the same amount or a different amount? Explain why. 2. Describe how properties of water impact how a water molecule a) interacts with other water molecules and b) moves through an ecosystem.	**ANSWER** 1. What is the role of the water cycle in maintaining freshwater levels in lakes and rivers? 2. Explain the distribution of all the water in the hydrosphere. Be sure to include specific percentages! 3. Looking at the water cycle, how does the sun affect the speed of the water cycle? How do evaporation and transpiration differ?	**ANSWER** 1. Create a visual or some other graph that shows how water is distributed on Earth (hint: reference your notes and Wednesday HW question # 2). 2. How do watersheds and river basins differ? 3. How can the amount of water in a river basin impact the water supply to watersheds?
💡 *Remember...* 💡 <u>FRONT OF CARD:</u> Word, picture and initials in top *left* corner <u>BACK OF CARD:</u> Definition & source			
DUE TUESDAY	**DUE FRIDAY**	**DUE FRIDAY**	**DUE FRIDAY**

Staple this sheet to the **FRONT** of your <u>completed homework packet</u> prior to submitting it on **FRIDAY**!

weekly HOMEWORK: grade
Based off of student's demonstrated content knowledge and skills

passing: **5** = Superior command   **4** = Solid command   **3** = Sufficient command

failing: **2** = Partial command   **1** = Limited command

Mrs. Barton