**Kidney Paper:**

Important Dates Date:

* Due Dates:
	+ Rough Draft Fri Dec 7th (if your paper is not in today you cannot get the rough draft points) – 15points
	+ Final Draft: Monday Dec 10th – 85points
* Work Date:
	+ Dec 5th or 6th

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| Paragraph1: Introduction:* Explain homeostasis:
* Explain water balance in terms of homeostasis:
* Introduce the Kidneys role in water balance:
* Where is it located
* What organisms have it?
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| Evolution of Water Balance:1. Paramecium:
2. PlanariaP
3. Insects
4. Fish
	1. Fresh:
	2. Salt:
5. Amphibian:
6. Reptiles:
7. Birds:
8. Mammals:
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| Vertebrate Kidney Form * Discuss function of each piece

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| Final: * Implications if a kidney fails
* Why would it be better to drink pee than let your kidney stop having something to filter?
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| Use:* 1 figure
	+ Reference in text
	+ Example: the intricate form of the vertebrate kidney uses loops of henle (see figure 1).
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| References * Minimum of 3
* Sited at the end in APA/MLA format
* Sited in Text (consider using a # at the end of the sentence that corresponds to number of the reference in the bibliography) 1.
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