**READING ASSIGNMENT PLANNING**

**How GPS Receivers Work**

**(to be used with the "How GPS Receivers Work" document)**

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

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| Reading Assignment: | Please read the How GPS Receivers Work document |
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| Purpose / Focus: | To learn the basic science behind how GPS and trilateration works. |
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| Vocabulary | GPS |
|  | 2-D and 3-D Trilateration |
| Radio Signals |
|  | Radio Waves |
|  | Pseudo-Random Code |
|  | Almanac |
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| Words I don’t Know | Constellation |
|  | Atomic Clock vs. Quartz Clock |
| Proportionally |
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| Pay Special  Attention To: | How to calculate locations using 2-D and 3-D Trilateration. |
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