GPS/Geocaching Lesson Plan

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| Grade Level: | **5** | Subject: | Math | Prepared By: | **Christi Horner** |

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| Overview & Purpose Students will use the GPS units to locate Math vocabulary words that correlate to the skills students have practiced. Purpose of this activity: to check mastery of math terminology. | Education Standards AddressedVocabulary covered will align with the Number Sense, Measurement, and Geometry standards, PASS Standards 2, 3, and 4 |

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| Objectives(Specify skills/information that will be learned.) | Area and Perimeter, Circumference (and parts of a circle), Solid Shapes (area, base, net) Students will use their previous knowledge of these topics to correctly match the definition to the vocabulary term. | Materials NeededGPS UnitsPencilRecording SheetPre-placed cachesClip boards |
| Information(Give and/or demonstrate necessary information) | 5 vocabulary words will be placed as caches, students will use predetermined waypoints to find words and record findings on their recording sheet.  |
| Verification(Steps to check for student understanding) | Students will check off with me to make sure they have identified all 5 caches and that they have the correct spellings of each term. | Other Resources(e.g. Web, books, etc.)Math book if needed |
| Activity(Describe the independent activity to reinforce this lesson) | Upon returning to the school, students will be given a vocabulary practice worksheet, where they have to use their word bank (5 from cache and 4 additional words) to correctly match each definition, completion of the definitions will reveal a hidden definition (which students will only be able to uncover if they have used each term in the corresponding question) |
| Summary | After successfully finding the caches, students will show mastery of the terminology, or use the resources available to them, to find them term. Students will be graded on their vocabulary practice worksheet. | Additional NotesCaches will be hidden down the street at the Boys and Girls club, we will walk over… find the caches… and walk back to do our worksheet |