**Lesson 3 Roots Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Per\_\_\_\_\_\_\_\_**

**Part A. Define the Example Words (use a dictionary or Google it)**

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| **Term/Definition** | **Example** | **Definition of Example** |
| 21 mega / large | megacephalic |  |
| 22 sphere / circle | spheroid |  |
| 23 litho /stone | megalith |  |
| 24 chrom / color | chromatic |  |
| 25 dia / between; across | diameter |  |
| 26 batho / depth | bathysphere |  |
| 27 bio / life | biology |  |
| 28 geo / earth | geometrician |  |
| 29 ist / one who | geologist |  |
| 30 logy / study of | geology |  |

**Part B. Break down the examples and identifying the root definitions (Google or dictionary)**

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| --- | --- | --- |
| **Example** | **Breakdown** | **Define** |
| 1. biologist |  |  |
| 1. lithoid |  |  |
| 1. batholith |  |  |
| 1. geometric |  |  |
| 1. microbiologist |  |  |
| 1. bathyscope |  |  |
| 1. lithogenic |  |  |
| 1. geographic |  |  |
| 1. monochromatic |  |  |
| 1. biometric |  |  |

**Part C. Acrostic Puzzle (use a dictionary, index or Google it – try onelook.com)**

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| **Definition (root word index#)** |  |
| 1. A conversation between two or more people (25,30) |
| 1. The chemistry of living organisms (27) |
| 1. The study of handwriting (2.30) |
| 1. Art of printing from stone carvings (2,23) |
| 1. Pertaining to ones life history (2.9.27) |
| 1. A device to magnify sound (21) |
| 1. Mathematics of earth sciences (7,28) |

***The acrostic word literally means written across***

**Part D. Match the example with the definition (use a dictionary or Google it) GRADE \_\_\_\_\_\_\_\_\_\_/12**

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| **Term** | | **Definition** |
| \_\_\_\_\_ | pathology | 1. The solid part of the earth |
| \_\_\_\_\_ | lithophyte | 1. Removing living issue for diagnosis |
| \_\_\_\_\_ | spherometer | 1. Abnormally large heart |
| \_\_\_\_\_ | lithosphere | 1. A human culture which used stone tools |
| \_\_\_\_\_ | megaton | 1. The study of the nature of disease |
| \_\_\_\_\_ | geode | 1. A hollow stone containing crystals |
| \_\_\_\_\_ | biopsy | 1. A very large city |
| \_\_\_\_\_ | physiology | 1. Measures curvature of surfaces |
| \_\_\_\_\_ | megalocardia | 1. Study of the functioning of living organisms |
| \_\_\_\_\_ | stratosphere | 1. A plant that grows on rocks |
| \_\_\_\_\_ | megalopolis | 1. Upper part of the atmosphere |
| \_\_\_\_\_ | Neolithic | 1. A million tons |

**Part E. Find the word to match the definition (use dictionary, index or Google it – try onelook.com)**

|  |  |
| --- | --- |
| **Definition (root word index#)** | **Word** |
| 1. Identifying a disease from its symptoms (25) |  |
| 1. A device which measures depths in water (7,26) |  |
| 1. Centered around the earth (9,28) |  |
| 1. A history of a person’s life (2,27) |  |
| 1. The shape of the earth: a spheroid (19,28) |  |
| 1. To print from designs carved on stone (2,23) |  |
| 1. One who treats heart disease (18,29,30). |  |
| 1. From one corner of a rectangle to another (25) |  |
| 1. One who studies handwriting (2,29,30) |  |
| 1. Circular-shaped; globular (9.22) |  |

**Part F. (20 points)- Write a compound subject sentence with a vocab word.**

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| --- | --- | --- |
| ***Vocab Word*** | ***subjects*** | ***complete sentence*** |
| *telescope* | *Mary and Joe* | *Mary and Joe used a telescope to see the moon.* |
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|  |  |  |