**Syllabus for STEAM Reading High Elementary 1 (8 weeks / 2 classes per week)**

**Monthly Schedule**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Week** | **Unit** | **STEAM** | **Title** | **Pages** | **Vocabulary** | **Homework**  **Workbook** |
| 1st | Unit 1 | Science | AIR PRESSURE CREATES WIND | pp. 8-11 | tiny, particle, blow up, binder clip, thick, remove, all the way, molecule | pp. 4-5  Word Test, Word List |
| Unit 2 | Science, Technology, Arts | THE WATER FORECAST | pp. 12-15 | weather forecast, continue, expect, southern, region, business trip, cancel, in advance | pp. 6-7  Word Test, Word List |
| 2nd | Unit 3 | Science, Arts | HOW DOES HEAT MOVE LIQUIDS? | pp. 16-19 | kettle, heat, finally, water tub, support, dropper, process, convection current | pp. 8-9  Word Test, Word List |
| Unit 4 | Science, Technology | WATER MOVES AROUND THE WORLD | pp. 20-23 | equator, circulation, seawater, per, take, thousand, circulate, whole | pp. 10-11  Word Test, Word List |
| 3rd | Unit 5 | Science | GROWING MUSHROOMS | pp. 24-27 | fungus(fungi), mold, nutrient, alive, instruction, include, spawn, spore | pp. 12-13  Word Test, Word List |
| Unit 6 | Science, Technology | I AM NOT A PLANT! | pp. 28-31 | mushroom, wide, stalk, photosynthesis, dead, reproduce, gill, land | pp. 14-15  Word Test, Word List |
| 4th | Unit 7 | Science | WATER DROPS | pp. 32-35 | state, surface tension, penny, pipette, one at a time, count, spill, eventually | pp. 16-17  Word Test, Word List |
| Unit 8 | Science | A WATER STRIDER | pp. 36-39 | water strider, reservoir, look like, thin, pair, scientific, fine, spread out | pp. 18-19  Word Test, Word List |
| 5th | Unit 9 | Science, Math | SPEED RACERS | pp. 40-43 | distance, race, far, starting line, tape measure, vertical, set, fan | pp. 20-21  Word Test, Word List |
| Unit 10 | Science, Math | A RACE TO GRANDFATHER’S HOUSE | pp. 44-47 | arrive, leave, find out, work out, velocity, kilometer, divide by, win | pp. 22-23  Word Test, Word List |
| 6th | Unit 11 | Science | THE CHANGING VOLUME OF GASES | pp. 48-51 | table tennis, step on, by mistake, triangular, flask, return, original, knowledge | pp. 24-25  Word Test, Word List |
| Unit 12 | Science, Technology, Arts | COLD AIR, HOT AIR | pp. 52-55 | stew, weird, plastic wrap, curved, downward, rotten, microwave, take off | pp. 26-27  Word Test, Word List |
| 7th | Unit 13 | Science | STEMS CARRY WATER | pp. 56-59 | root, stem, lily, horizontally, vertically, dot, appearance, wind | pp. 28-29  Word Test, Word List |
| Unit 14 | Science, Arts | GRANDMOTHER’S GARDEN | pp. 60-63 | weekend, dig up, sweet potato, upright, crawl, stolon, morning glory, pie | pp. 30-31  Word Test, Word List |
| 8th | Unit 15 | Science, Technology, Engineering, Arts | WHAT’S THE WEATHER LIKE TODAY? | pp. 64-67 | meteorologist, weather balloon, record, atmospheric pressure, information, analyze, report, weather forecaster | pp. 32-33  Word Test, Word List |
| Unit 16 | Science, Arts | HYDRO HELPERS | pp. 68-71 | fresh water, rest, salty, keep, hydrologist, contaminated, groundwater, life | pp. 34-35  Word Test, Word List |

\* Supplemental Worksheets, Tests (Unit, Review, Midterm, Final Test) are available on the Compass homepage. www.compasspub.com

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| --- | --- | --- | --- | --- | --- | --- |
| **Week** | **Unit** | **STEAM** | **Title** | **Pages** | **Vocabulary** | **Homework** |
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| Unit 2 | Science, Technology, Engineering | THE WATER FORECAST | pp. 12-15 | weather forecast, continue, expect, southern, region, business trip, cancel, in advance | pp. 6-7  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet | | | | | |
| 2nd | Unit 3 | Science, Arts | HOW DOES HEAT MOVE LIQUIDS? | pp. 16-19 | kettle, heat, finally, water tub, support, dropper, process, convection current | pp. 8-9  Word Test, Word List |
| Unit 4 | Science, Technology | WATER MOVES AROUND THE WORLD | pp. 20-23 | equator, circulation, seawater, per, take, thousand, circulate, whole | pp. 10-11  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet  Tests – Unit Test 1~4, Review Test 1 | | | | | |
| 3rd | Unit 5 | Science | GROWING MUSHROOMS | pp. 24-27 | fungus(fungi), mold, nutrient, alive, instruction, include, spawn, spore | pp. 12-13  Word Test, Word List |
| Unit 6 | Science, Technology | I AM NOT A PLANT! | pp. 28-31 | mushroom, wide, stalk, photosynthesis, dead, reproduce, gill, land | pp. 14-15  Word Test, Word List |
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| 4th | Unit 7 | Science | WATER DROPS | pp. 32-35 | state, surface tension, penny, pipette, one at a time, count, spill, eventually | pp. 16-17  Word Test, Word List |
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| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet  Tests – Unit Test 5~8, Review Test 2, Midterm Test | | | | | |
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| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet  Tests – Unit Test 13~16, Review Test 4, Final Test | | | | | |

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