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

**Monthly Schedule**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Week** | **Unit** | **STEAM** | **Title** | **Pages** | **Vocabulary** | **Homework**  **Workbook** |
| 1st | Unit 1 | Science, Arts | BROKEN CHOPSTICK | pp. 8-11 | lawn, pass, slow down, enter, refract, slightly, position, focused | pp. 4-5  Word Test, Word List |
| Unit 2 | Science | TALL BOY, SHORT LEGS | pp. 12-15 | entire, swimming pool, dive, funny, refraction, brain, line, come in | pp. 6-7  Word Test, Word List |
| 2nd | Unit 3 | Science, Technology, Engineering, Arts | PRESSURE CHANGES, VOLUME CHANGES | pp. 16-19 | certain, apply, plunger, lightly, change, repeat, base on, no matter | pp. 8-9  Word Test, Word List |
| Unit 4 | Science | A BAG OF CHIPS | pp. 20-23 | pack, chip, in case, proud, swell, burst, inflated, suspicious | pp. 10-11  Word Test, Word List |
| 3rd | Unit 5 | Science, Technology | TWO DIFFERENT LENSES | pp. 24-27 | lens, bend, convex, concave, on the other hand, transparent, laser pointer, beam | pp. 12-13  Word Test, Word List |
| Unit 6 | Science, Technology | TELESCOPES, MICROSCOPES, AND MORE! | pp. 28-31 | observatory, space, telescope, explain, gather, in detail, binoculars, microscope | pp. 14-15  Word Test, Word List |
| 4th | Unit 7 | Science, Technology, Engineering | THE FLOW OF ELECTRICITY | pp. 32-35 | electricity, electrical, circuit, electric current, wire, connect, conductor, complete | pp. 16-17  Word Test, Word List |
| Unit 8 | Science, Technology | ALL OF THE LIGHTS | pp. 36-39 | get ready, thread, light up, join, conduct, positive, negative, already | pp. 18-19  Word Test, Word List |
| 5th | Unit 9 | Science, Technology | MORE BATTERIES | pp. 40-43 | series, connection, parallel, remaining, brightness, voltage, strong, last | pp. 20-21  Word Test, Word List |
| Unit 10 | Science, Technology, Arts | ELECTRICITY EVERYWHERE | pp. 44-47 | heater, run, plug, outlet, throw, grocery store, electronics, overheat | pp. 22-23  Word Test, Word List |
| 6th | Unit 11 | Science | SEA BREEZE AND LAND BREEZE | pp. 48-51 | daytime, sea breeze, land breeze, lamp, heated, movement, heat up, create | pp. 24-25  Word Test, Word List |
| Unit 12 | Science, Arts | FLYING A KITE | pp. 52-55 | take a trip, kite, above, from A to B, check out, dinner, go out, flow | pp. 26-27  Word Test, Word List |
| 7th | Unit 13 | Science | THE HEIGHT OF THE SUN | pp. 56-59 | differ, season, steep, angle, shallow, once, heat energy, rise | pp. 28-29  Word Test, Word List |
| Unit 14 | Science, Math | THE LENGTH OF THE DAY | pp. 60-63 | set, bright, solar altitude, during, at an angle, revolve, maximum, minimum | pp. 30-31  Word Test, Word List |
| 8th | Unit 15 | Science, Technology, Engineering | ELECTRICITY FROM THE SUN | pp. 64-67 | imagine, coal, climate change, solar, effective, plan, implement, essential | pp. 32-33  Word Test, Word List |
| Unit 16 | Science, Technology, Engineering, Arts | WEB DEVELOPER | pp. 68-71 | website, crash, manage, scroll, sell out, annoying, technical, load | pp. 34-35  Word Test, Word List |

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

**Syllabus for STEAM Reading High Elementary 2 (8 weeks / 3 classes per week)**

**Monthly Schedule**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Week** | **Unit** | **STEAM** | **Title** | **Pages** | **Vocabulary** | **Homework** |
| 1st | Unit 1 | Science, Arts | BROKEN CHOPSTICK | pp. 8-11 | lawn, pass, slow down, enter, refract, slightly, position, focused | pp. 4-5  Word Test, Word List |
| Unit 2 | Science | TALL BOY, SHORT LEGS | pp. 12-15 | entire, swimming pool, dive, funny, refraction, brain, line, come in | pp. 6-7  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet | | | | | |
| 2nd | Unit 3 | Science, Technology, Engineering, Arts | PRESSURE CHANGES, VOLUME CHANGES | pp. 16-19 | certain, apply, plunger, lightly, change, repeat, base on, no matter | pp. 8-9  Word Test, Word List |
| Unit 4 | Science | A BAG OF CHIPS | pp. 20-23 | pack, chip, in case, proud, swell, burst, inflated, suspicious | 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, Technology | TWO DIFFERENT LENSES | pp. 24-27 | lens, bend, convex, concave, on the other hand, transparent, laser pointer, beam | pp. 12-13  Word Test, Word List |
| Unit 6 | Science, Technology | TELESCOPES, MICROSCOPES, AND MORE! | pp. 28-31 | observatory, space, telescope, explain, gather, in detail, binoculars, microscope | pp. 14-15  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet | | | | | |
| 4th | Unit 7 | Science, Technology, Engineering | THE FLOW OF ELECTRICITY | pp. 32-35 | electricity, electrical, circuit, electric current, wire, connect, conductor, complete | pp. 16-17  Word Test, Word List |
| Unit 8 | Science, Technology | ALL OF THE LIGHTS | pp. 36-39 | get ready, thread, light up, join, conduct, positive, negative, already | pp. 18-19  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet  Tests – Unit Test 5~8, Review Test 2, Midterm Test | | | | | |
| 5th | Unit 9 | Science, Technology | MORE BATTERIES | pp. 40-43 | series, connection, parallel, remaining, brightness, voltage, strong, last | pp. 20-21  Word Test, Word List |
| Unit 10 | Science, Technology, Arts | ELECTRICITY EVERYWHERE | pp. 44-47 | heater, run, plug, outlet, throw, grocery store, electronics, overheat | pp. 22-23  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet | | | | | |
| 6th | Unit 11 | Science | SEA BREEZE AND LAND BREEZE | pp. 48-51 | daytime, sea breeze, land breeze, lamp, heated, movement, heat up, create | pp. 24-25  Word Test, Word List |
| Unit 12 | Science, Arts | FLYING A KITE | pp. 52-55 | take a trip, kite, above, from A to B, check out, dinner, go out, flow | pp. 26-27  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet  Tests – Unit Test 9~12, Review Test 3 | | | | | |
| 7th | Unit 13 | Science | THE HEIGHT OF THE SUN | pp. 56-59 | differ, season, steep, angle, shallow, once, heat energy, rise | pp. 28-29  Word Test, Word List |
| Unit 14 | Science, Math | THE LENGTH OF THE DAY | pp. 60-63 | set, bright, solar altitude, during, at an angle, revolve, maximum, minimum | pp. 30-31  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet | | | | | |
| 8th | Unit 15 | Science, Technology, Engineering | ELECTRICITY FROM THE SUN | pp. 64-67 | imagine, coal, climate change, solar, effective, plan, implement, essential | pp. 32-33  Word Test, Word List |
| Unit 16 | Science, Technology, Engineering, Arts | WEB DEVELOPER | pp. 68-71 | website, crash, manage, scroll, sell out, annoying, technical, load | pp. 34-35  Word Test, Word List |
| Supplemental Worksheets- Dictation Sheet, Unscramble Sheet, Translation Sheet  Tests – Unit Test 13~16, Review Test 4, Final Test | | | | | |

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