## Suggested Timeline: Spot the Differences

| | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
|---|---|---|---|---|---|
| **Week 1** | Strand One: Engage 1 | Strand One: Engage 2 | Strand One: Explore | | |
| | Pages: 8-11 | Pages: 12-13 | Pages: 14-19 | | |
| | • Create Garbage Garden<br>• Make predictions | • Read *The Best Nest*<br>• Match animals with habitats | • Three tasks (stations) that explain how humans, animals, and plants change the environment to meet their needs | | |
| **Week 2** | Strand One: Explain | Strand One: Elaborate | Strand One: Evaluate | | Strand Two: Engage |
| | Pages: 20-22 | Pages: 23-26 | Pages: 27-31 | | Pages: 34-35 |
| | • Read *Animal Habitats*<br>• Identify impact of habits on environment<br>• Explain how nature and humans interact | • Identify and explain how plants, animals, and humans change the environment to meet their needs | • Make claims for how plants, animals, and humans change their environment to meet their needs<br>• Explain how nature and humans interact | | • Discuss and predict the impact of garbage on the environment |
| **Week 3** | Strand Two: Explore | Strand Two: Explain 1 | Strand Two: Explain 2 | | Strand Two: Elaborate |
| | Pages: 36-38 | Pages: 39-42 | Pages: 43-45 | | Pages: 46-48 |
| | • Identify the impacts of humans on a river | • Explain impacts on living organisms and non-living things human cause<br>• Create a solution to these impacts | • Compare Garbage Garden predictions to actual results<br>• Explain the effect of garbage on the environment<br>• Communicate a solution to reduce garbage | | • Explain how there are different solutions for reducing human impact on the environment |

| **Week 4** | Engineering Design Challenge Unit Assessment - Session 1: Ask | Engineering Design Challenge Unit Assessment - Session 2: Imagine | Engineering Design Challenge Unit Assessment - Session 3: Plan | Engineering Design Challenge Unit Assessment - Session 4: Create |
|---|---|---|---|---|
| | Pages: 49-50 | Page: 50 | Pages: 50-51 | Page: 51 |
| | • Read *Don't Throw That Away*<br>• Introduce design challenge question: How can I reuse items to reduce my impact on the environment? | • Imagine ways to reuse specific items | • Plan with partners by drawing the design idea and creating a materials list | • Create the final design idea |
| **Week 5** | Engineering Design Challenge Unit Assessment - Session 5: Improve | Strand Two: Explain 3 | | Strand Two: Evaluate |
| | Page: 51 | Pages: 60-65 | | Pages: 66-68 |
| | • Improve upon class designs using discussion questions | • Identify examples of reducing, reusing, and recycling<br>• Explain why reducing, reusing, and recycling is beneficial to the environment<br>• Read *Adventures of a Plastic Bottle* | | • Communicate solutions that reduce the impact of humans on living organisms and non-living things |