**Water Cycle and Weather Unit**

**Table of Contents**

**Water Cycle**

1. **Lesson #1: Introduction to the Water Cycle**
   1. Lesson plan
   2. Water cycle diagram (class set provided)
2. **Lesson #2: Exploring the Water Cycle (Supplementary Lesson to be taught by the Classroom Teacher)**
   1. Lesson plan
3. **Lesson #3: Where is All the Water?**
   1. Lesson plan
   2. All the Water on Earth pie graph (student copies provided)
4. **Lesson #4: Making a Terrarium**
   1. Lesson plan
5. **Lesson #5: Water Cycle Story (Supplementary Lesson to be taught by the Classroom Teacher)**
   1. Lesson plan
   2. Water cycle story handout (student copies provided)

**Weather**

1. **Lesson #1: Atmosphere and Air Pressure**
   1. Lesson plan
   2. Atmosphere diagram (class set provided)
   3. Objects in the atmosphere diagram (class set provided)
2. **Lesson #2: Temperature**
3. Lesson plan
4. Making a thermometer (class set provided)
5. **Lesson #3: Wind Direction**
6. Lesson plan
7. Making a wind vane (class set provided)
8. Wind vane cutouts (student copies provided)
9. **Lesson #4: Wind Speed**
10. Lesson plan
11. Beaufort wind scale (class set provided)
12. Making an anemometer (class set provided)
13. Wind chill handout (class set provided)
14. **Lesson #5: Precipitation - Clouds**
15. Lesson plan
16. Cloud types diagram (class set provided)
17. Cloud key extension activity (student copies provided)
18. **Lesson #6: Types of Precipitation**
19. Lesson plan
20. Pictures of precipitation (three class sets provided or PowerPoint)
21. **Lesson #7: Air Pressure and Air Fronts**
22. Lesson plan
23. Making a barometer demonstration instructions
24. Warm and cold fronts (class set provided)
25. **Lesson #8: Humidity**
26. Lesson plan
27. **Lesson #9: Weather and Climate**
28. Lesson plan
29. Climate comparisons (class set provided)
30. Temperature bar graph (overhead and student copies provided)
31. Precipitation bar graph (overhead and student copies provided)
32. **Ongoing Weather Activities**
33. Lesson plan
34. Student weekly weather recording sheets (student copies provided)
35. Teacher weekly weather recording sheet
36. **Materials List for the Unit**