

Lesson 16

Water Matches

What is significance of certain dates in history?
How do events change history or the geology of the land?
What is a timeline?

GOAL To understand that some dates have significance in history

OBJECTIVES Students will:

- ✓ match dates to events
- ✓ identify the importance of certain events
- ✓ create a poster with importance information about date
- ✓ create a timeline

MATERIALS paper, pencils, poster, crayons or markers, paper for timeline

CORE CURRICULUM CONTENT STANDARDS

- Language Arts 2(3)
- Science 2(1,4), 7(3), 9(2)
- Social Studies 1(1,6), 2(2), 4(2,5), 9(5), 12(4-6)
- Arts 1(1-4)

VOCABULARY geology, flooding, historical

PROCEDURES

1. Distribute dates and events that occurred that affect the geology of the land or that provide a historical reference to the land.
2. Have students try to match the dates with the events. After matching, have them answer the following questions
 - a. What is significance of the date? (Why is this date important?)
 - b. How did this event change the land and/or history of the land?
3. Dates and events are as follows:
 - a. (1936, 1938, 1955, & 1984) – flooding of the Connecticut River occurred.
 - b. 1940 – Saville Dam completed forming Barkhamsted Reservoir, the largest drinking water reservoir holding 30.3 billion gallons of water.
 - c. 1976 – fishway constructed for anadromous fish at Rainbow Dam in Windsor.
 - d. 1994 – Wild and Scenic designation of 14 mile west branch of Farmington River at base of Goodwin Dam in Hartland to Canton town line.
 - e. 1633 – town of Windsor established
 - f. Dates and events may be mixed up so students can match. Flood dates may be used together or instructor may choose one date, such as 1936 or 1955.

Farmington River Watershed Education Curriculum: Elementary

4. After students match dates, have students put them in sequential order and create a timeline.
5. Have students choose one event. Have them research facts about the event and create a poster that announces the importance of what happened.

Answers to significance of date:

- a. (1955) – flooding of the Farmington and Connecticut Rivers occurred.
(a dam was constructed to prevent flooding)
- b. 1940 – Saville Dam completed forming Barkhamsted Reservoir, the largest drinking water reservoir holding 30.3 billion gallons of water. (Prior to Saville Dam, East Branch River flowed with rapids and flowing water)
- c. 1976 – fishway constructed for anadromous fish at Rainbow Dam in Windsor.
(fish were not able to travel upstream, no evidence of certain fish)
- d. 1994 – Wild and Scenic designation of 14 mile west branch of Farmington River at base of Goodwin Dam in Hartland to Canton town line. (nothing can be constructed in this section of the river, will be free flowing)
- e. 1633 – town of Windsor established
(settlers from Windsor traveled to other parts of CT, such as Simsbury)

GLOSSARY

flooding - an overflowing of water onto land that is normally dry

geology - the scientific study of the origin, history, and structure of the earth

historical - based on or concerned with events in history