

Tar Heels and Naval Stores

Teaching Unit

definitions

1. naval stores _____

2. boxfacing _____

3. cooperage _____

4. forest products _____

5. fatlighter or lightwood _____

1. Name three items shipped in barrels?

2. What was North Carolina's leading industry and export between the years 1720 and 1870?

3. How was a sawmill powered?

4. Why were tar and pitch important to the British Navy?

short answer

Crossword Puzzle

The puzzle squares are on the next page, page 3.

clues

across

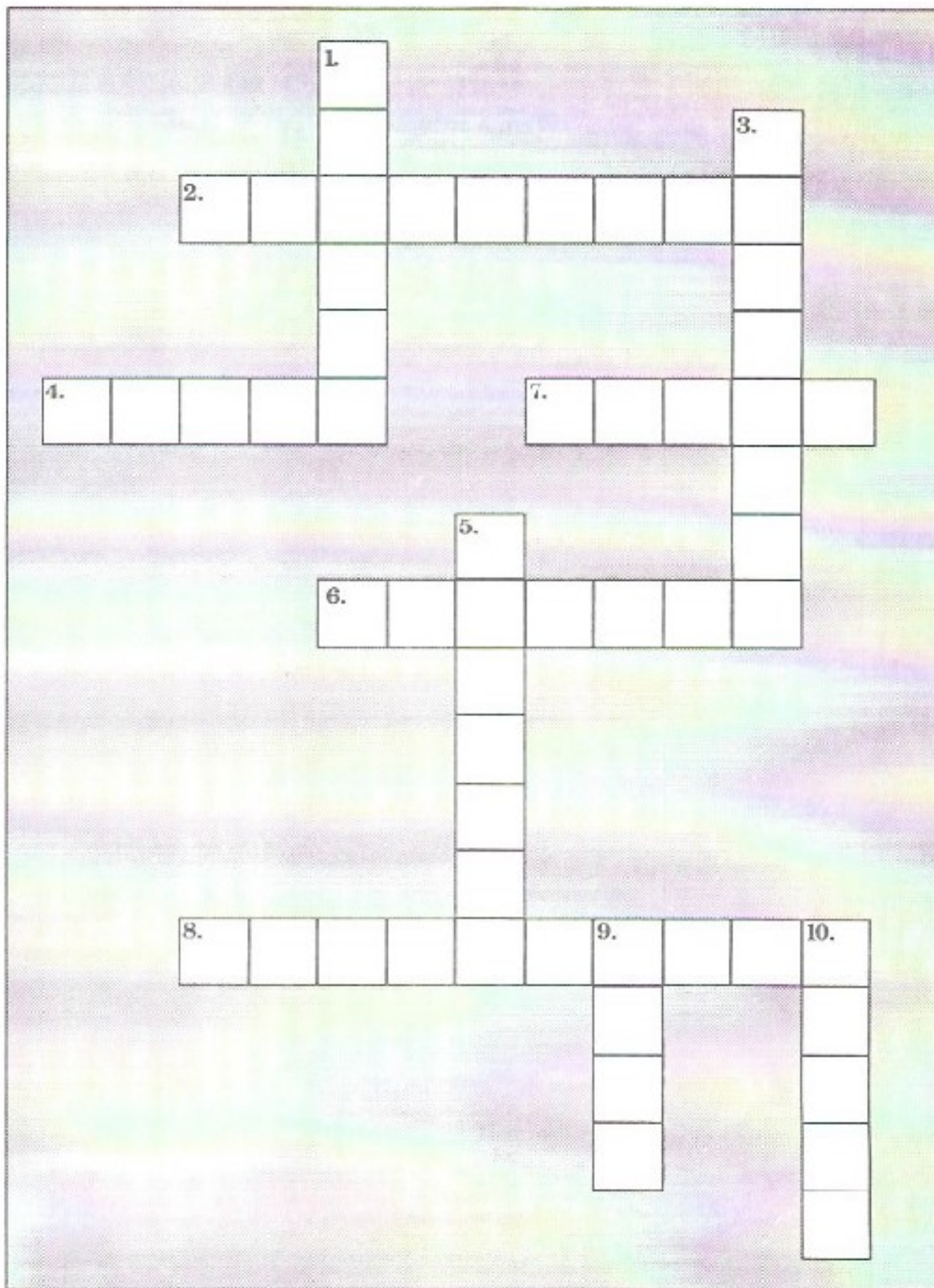
2. The tool used to give the barrel its rounded appearance.
4. Made of iron or wood; they are the rings that hold the barrel's sides together.
6. Used for shipping and storing goods.
7. The substance that drains from pine trees.
8. It turns by water power to operate a sawmill.

down

1. The pieces of wood that make up the sides of a barrel.
3. The lids of the barrel.
5. The tool used for removing the hardened sap from the pine trees.
9. A tool used for boxfacing a pine tree.
10. Used for dipping naval stores products in and out of containers.

choices: waterwheel
drawknife
resin
staves
hack

barrel
ladle
hoops
headings
scraper



matching

- 1. turpentine
- 2. tar
- 3. howel plane
- 4. longleaf pine
- 5. croze plane
- 6. crystalize
- 7. topping plane
- 8. pitch
- 9. distillery
- 10. hoop driver
and hammer

- A. forms the area where the croze will be cut
- B. made from burning lightwood
- C. the hardening of sap on the pine tree
- D. the place where sap is made into turpentine
- E. tools used for driving hoops down over barrels
- F. levels the tops of staves after the barrel has been assembled
- G. made from boiling tar
- H. the favored source for naval stores products
- I. cuts a groove on the inside of the stave where headings are placed
- J. made from the sap of a pine tree, used as a paint thinner

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