

Maps of Acton: Computer Lesson Plan

Grade: 2

Curriculum Area: Technology Standards, Gr. 2 Strand 3

Specific Unit: **Maps of Acton, 1850 and now**

Duration: 3 (30 min.) class

Standards (objectives): Use appropriate software applications to organize information into graphs, charts, tables and diagrams. (Neighborhood Map Machine)

Tools (materials): Network Assistant. Neighborhood Map Machine. Maps of Acton 1850 and present.

Invitation (motivation): Introduce mapping with Neighborhood Map Machine. Curriculum related—either for Old School Day or the Walk Through Acton.

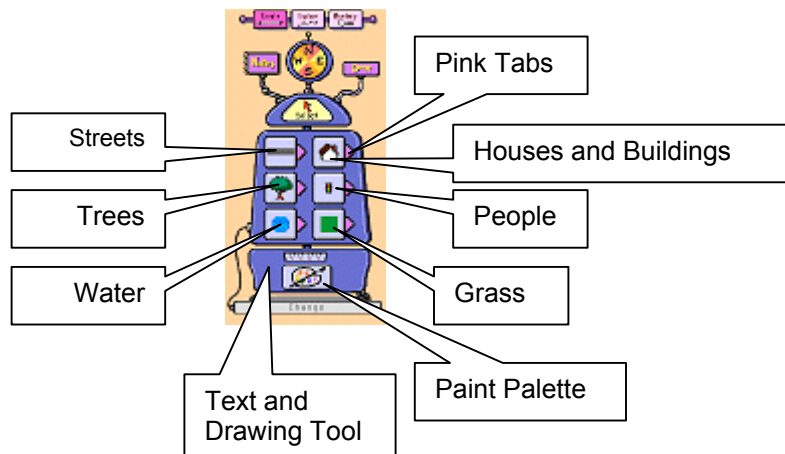
Tasks: Open Neighborhood Map Machine. Demonstrate the mapping program. Use Stamp and Text Tools to create maps. If time permits, on week 1 have students draw a map of their neighborhood, week 2 draw a map of Acton 1850 and week 3 draw present-day Acton.

Lab Instructions

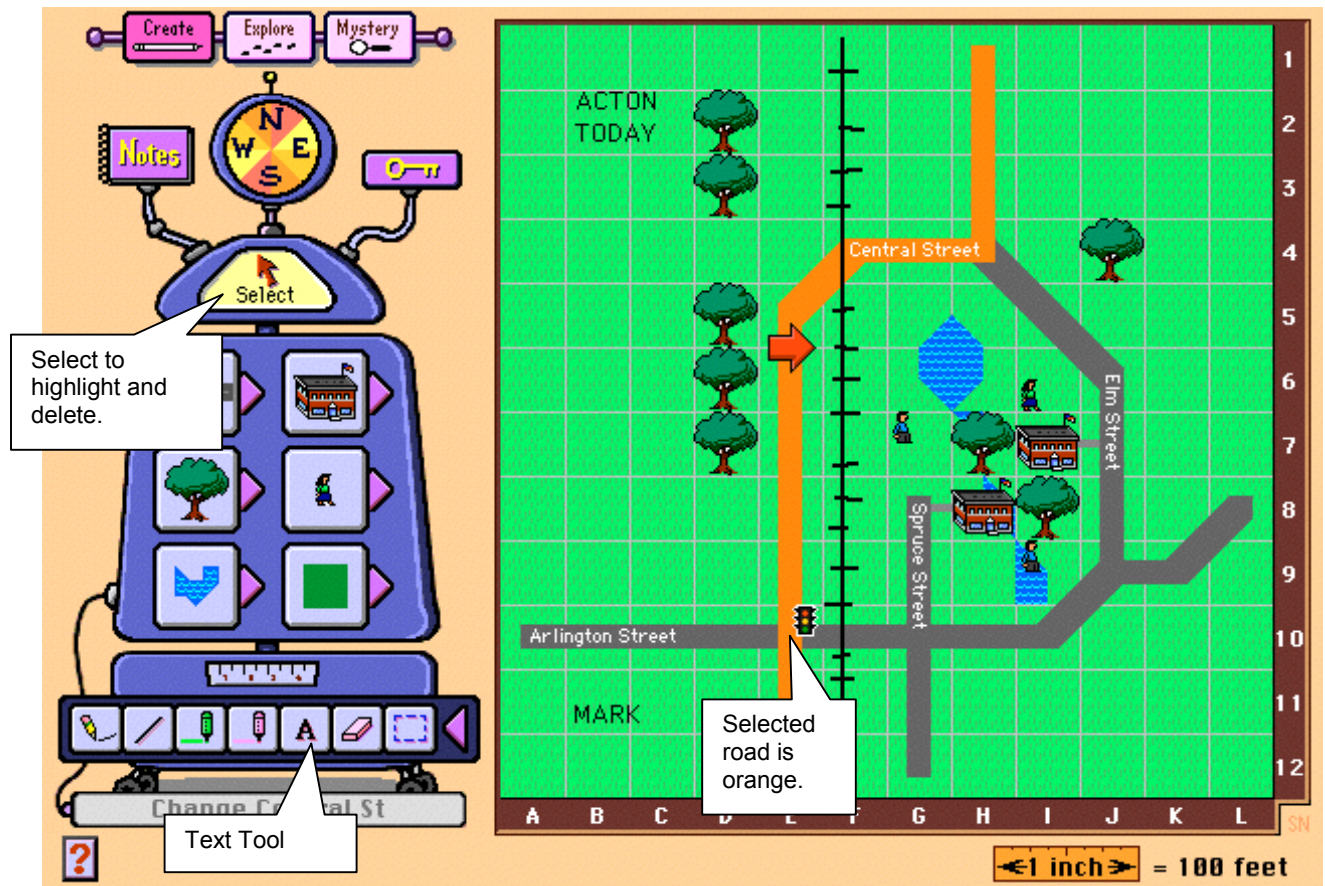
1. Log on. Use Network Assistant to demonstrate Neighborhood Map Machine. Students will start at the Application Screen, open Neighborhood Map Machine, and select **Create New Map**.



2. Click the Streets button and drag your mouse to add a street. Double click the street to add the address. Click the pink tabs to show choices of houses and buildings. Click the paint palette to add your name.



- Using the handouts as a guideline, create a map of Acton in 1850. What would the roads be made of? Dirt or pavement? Would we have highways? Cars? Horses? People? Grass? What kind of trees? Notice you have to draw the train tracks. What would an 1850's school house look like?
- Using the handouts as a guideline, create a map of Acton today. Notice we have two schools (Gates and Douglas) instead of one. Be careful to create two streets for Central and Elm, so you can name them separately. Experiment with stamps.
- In week 1, save as My Neighborhood, week 2 save as Acton 1850, and week 3 save as Acton Today.
- Print in color.



Acton Today

