

## SIGN HERE

### Teaching Guidelines

**Subject:** Science

**Topics:** Information Science and Technology

**Grades:** 5 - 12

**Concepts:**

- Understands the concept "pixel"

**Materials:** Sketch paper, blue grid paper, pencil

**Procedure:**

This activity is best done by students individually or working in teams of 2. It is well suited for teaching students about the use of pixels in computer-based graphic art.

Distribute the handout and discuss it. Ensure that students understand what is called for.

This project will take a few hours. Give students a schedule for working on the assignment, and a due date (which they should fill in at the "Date Promised by" line on the memo).

You may wish to extend this activity for more advanced students by asking them to use one font from a selection as the basis for the letters in the image, or by expanding the color palette that can be used.

**School-to-Career Connection:**  
*Invite a graphic artist to visit your class and show example of his or her work.*

**Sign Here, Inc.**  
**Job Form**

Job Number: #10455

Customer: Rags to Riches, Inc.

Date promised by: \_\_\_\_\_

Description: Customer wants an image to represent his company. Requirements:

- 1) The image should represent the idea of people earning a lot of money.
- 2) Image must work in a grid of 50 pixels wide by 30 pixels high (she's going to use it on her new e-mail stationery).
- 3) Image to be in four colors.
- 4) Letters "RTR" must appear under, above, or to side of image, within the 50 x 30 pixel boundary.

Below is an example an earlier black and white job we did in this pixel range for a bicycle company.

