

SAM LABS CELEBRATES
VALENTINE'S DAY



Valentine's Day: Lower Elementary

Recommended Read Aloud: [Roses are Pink, Your Feet Really Stink](#) by [Diane de Groat](#)

Using the recommended read aloud, have students stop and reflect along the way about what is happening.

Engage students in discussion after the read aloud using the discussion questions provided below.

Sample Discussion Questions:

- Look at the notes Gilbert wrote to his classmates. What do you notice about the words Gilbert chose?
- How can you tell that words rhyme with each other?
- What type of genre might this writing be? What makes you think that?

Sample Poem:

Knowing you is a **treat**
because you are so **sweet**

Using the [student handout](#), follow the I-do, We-do, You-do model to determine words that rhyme for each Valentine's Day themed word. **Optional modification for younger students: Determine fewer rhyming words for each themed word.**

Then, model how to use your chosen rhyming words to write a Valentine's Day poem. Provide students with time to construct their own poem.



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Students will construct a 3-D Valentine's Day card using the poem they wrote.

Build an anchor chart with students showing ways to manipulate paper that create a 3-D sculpture effect.

Model creating your 3-D Valentine's Day card using your poem.



Make it interactive!

Include SAM blocks within your Valentine's Day card to make it engaging and interactive.

For younger students, add a flashing RGB LED into the card. Can you add sound to convey emotion as well?

For older students, add light and motion. Can you make a sculptural element move? Can the card 'turn on' automatically when opened?

Sample codes shown on the next page.

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Sample Code Level 1:

Add in a flashing light and sound which conveys emotion. How does changing the placement of the Sound Player change the way the system functions?



Input: Key Press
Output: RGB LED, Sound Player
Behaviors: Toggle (Switches), Interval (Time)

NOTE: Be sure to adjust the color of the RGB LED by clicking on the RGB settings gear

Sample Code Level 2:

Add motion to a sculptural element (hint: use the wheel attached to the DC Motor!). Have the card 'turn on' automatically when it is opened!

Input: Light Sensor
Output: RGB LED, DC Motor
Behaviors: Compare x3 (Numbers), Interval (Time), Counter (Numbers), Color (Colors)

