

SAM LABS WINTER HOLIDAY ACTIVITY

Kwanzaa: First Fruit of the Harvest

Recommended Read Aloud: **Seven Candles for Kwanzaa**
by Andrea Davis Pinkney

Kwanzaa is Swahili for 'First Fruit of the Harvest'. This holiday celebrates African-American culture and is celebrated from December 26 to January 1.

Kwanzaa is based on 7 principals, with a different principal being observed each night.

Allow students to reflect on the different principles each day, thinking how they embody that principle and how they hope to embody that principle in the next year. The following table can be used to guide students in organizing their thoughts.

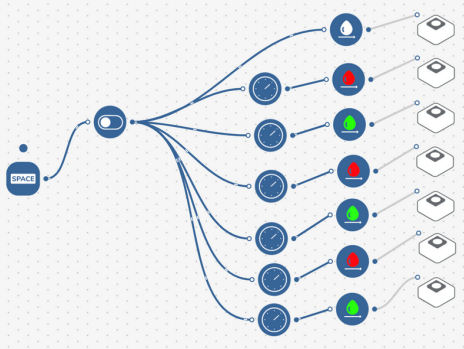
Principle	Translation	Reflection on This Year	Hopes for Next Year
Umoja	Unity		
Kujichagulia	Self-determination		
Ujima	Collective work and responsibility		
Ujamaa	Cooperative Economics		
Nia	Purpose		
Kuumba	Creativity		
Imani	Faith		



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KINARA



Input: Key Press

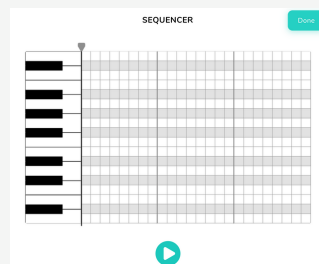
Output: RGB LED (7)

Behaviors: Toggle (Switches), Delay (Time), Color (Color)

Create a class kinara using 7 different RGB LEDs to represent the candles that get lit each night. Students can also create an individual model of a kinara, and build the code alongside as well.

NOTE: A white light was used on the first night as black is not a color option in SAM Space.

MUSICAL PERFORMANCE



Input: Button or Key Press

Output: virtual Buzzer

Behaviors: Sequencer (Sounds)

Displaying talents is a tradition of the sixth night of Kwanzaa honoring creativity. Allow students to write a song about Kwanzaa, and use the Sequencer to craft the music to accompany it.