POETRY WITH SCRATCH

AN EXPLORATORY GUIDE FOR EDUCATORS

CREATED BY
COMPUTING INTEGRATED TEACHER EDUCATION
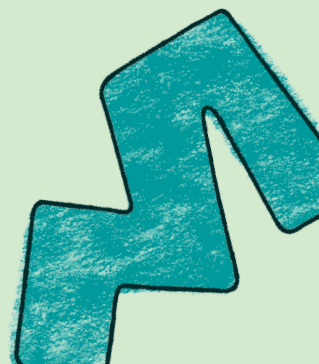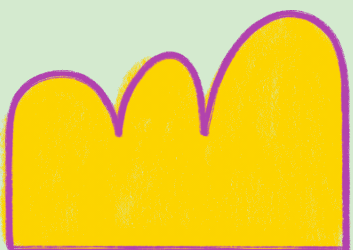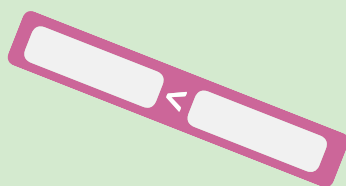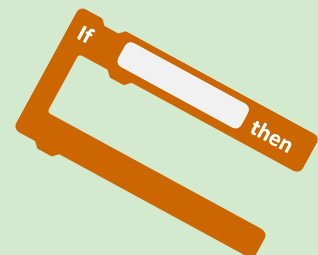
STEP 1: EXPLORE THE PROJECT

Algorithms that Reinforce Racismo by Michelle Ortiz
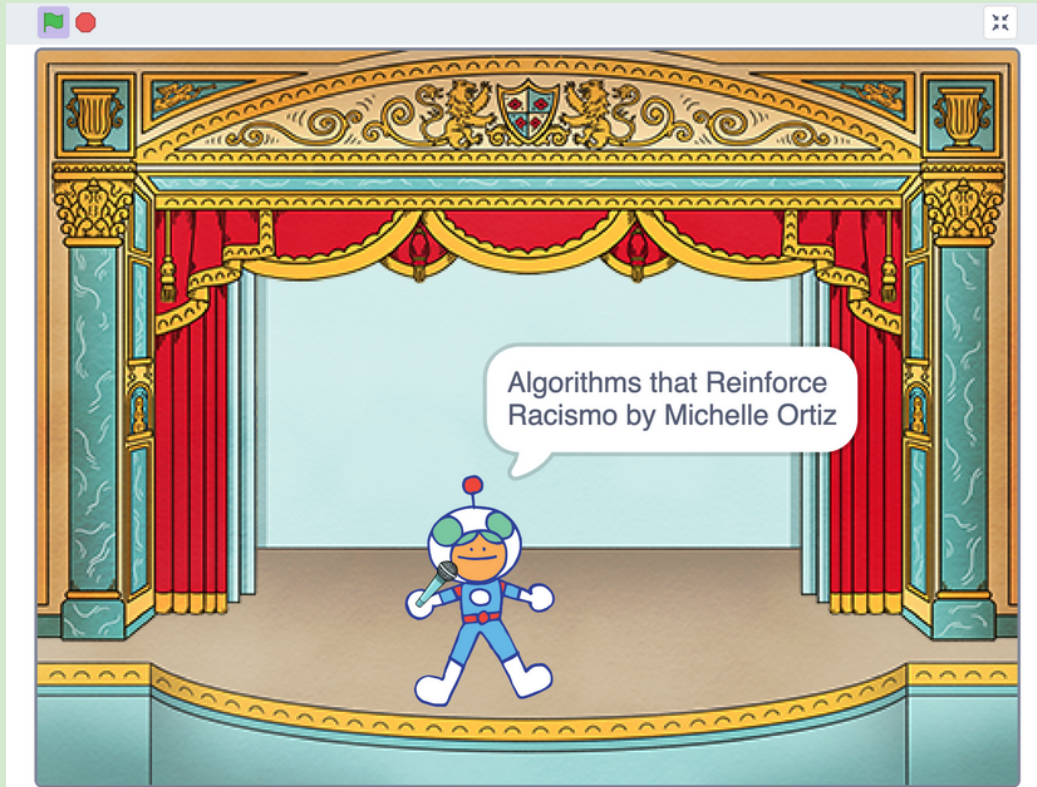
CLICK HERE

STEP 2: EXPLORE THE CODE

A SERIES OF "SAY" BLOCKS LET US CREATE THOUGHT BUBBLES TO DISPLAY THE WORDS OF MICHELLE'S POEM FOR A FIXED AMOUNT OF TIME.

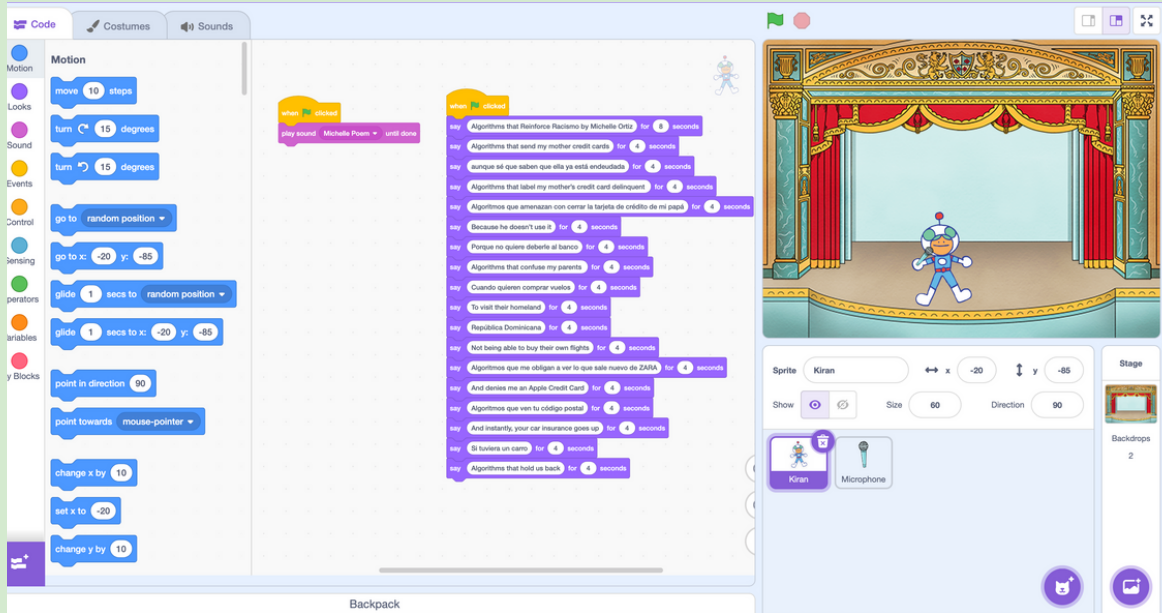GIVING THE COMPUTER A SERIES OF STEP BY STEP INSTRUCTIONS LIKE THIS IS ALSO KNOWN AS **SEQUENCING.**

STEP 3: HACK THE CODE
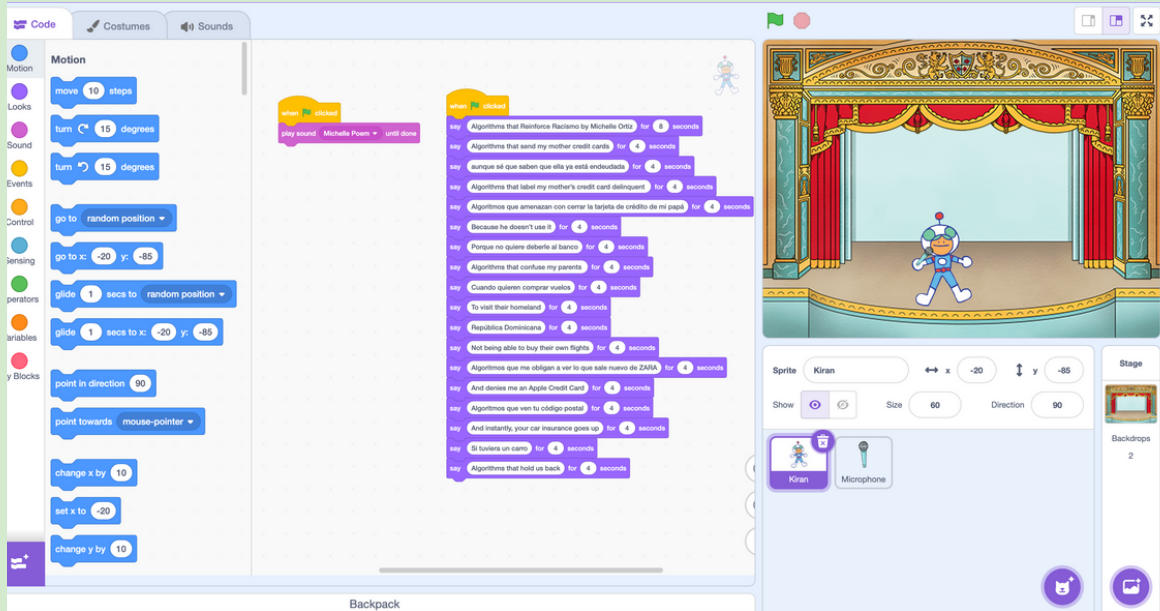
A FEW SENTENCES IN, THE TEXT GOES OUT OF SYNC WITH THE VOICE. CAN YOU TRY TO FIX THIS?

BY TWEAKING A PROJECT TO YOUR LIKING, YOU JUST WENT FROM USING TO MODIFYING. THIS IS YOUR **REMIX.**

STEP 4: FIX THE BUG

The computer thinks super, super, super fast.
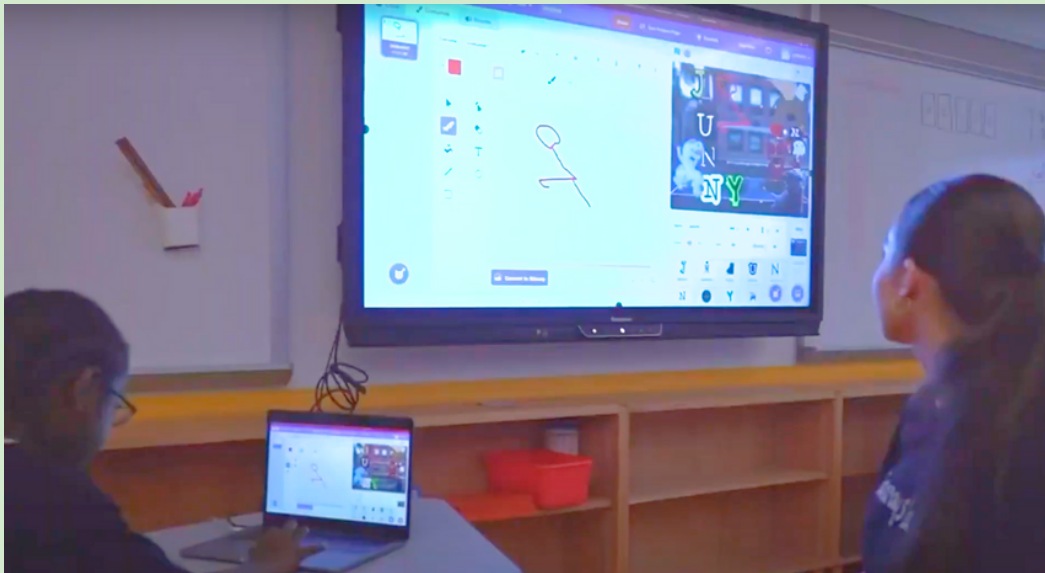
IN THE VIDEO, MICHELLE SHOWS US A COMMON SEQUENCING ERROR.

THE MICROPHONE SPRITE IS SUPPOSED TO BE ANIMATED BUT ISN'T MOVING. CAN YOU FIX IT? BY FINDING A MISTAKE IN THE CODE, YOU JUST DID SOME **DEBUGGING.**
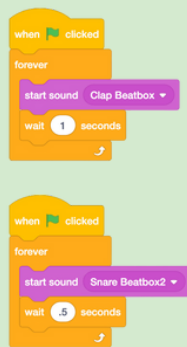
STEP 5: MAKE A NEW LOOK!

IN THE VIDEO, JUNNY DESCRIBES HOW THERE'S A PAINTING THING THAT LET'S YOU CUSTOMIZE YOUR CHARACTERS. TRY TO FIND IT!

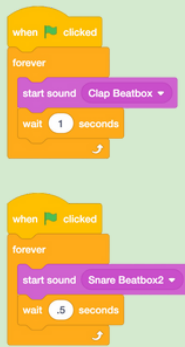BY USING SCRATCH'S GRAPHIC TOOLS, YOU MADE A
COSTUME.

STEP 6: SEQUENCES TO LOOPS

SOME POEMS CAN HAVE A CONSISTENT CADENCE THAT KEEPS REPEATING - LIKE SHAKESPEARE'S IAMBIC PENTAMETER.

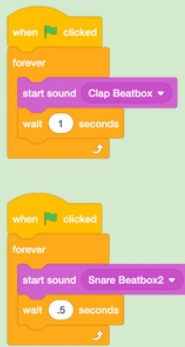COMPUTERS ARE GREAT AND REPEATING THINGS IN **LOOPS.**

STEP 6: VARIABLES

SOME POEMS CAN HAVE A CONSISTENT CADENCE THAT KEEPS REPEATING - LIKE SHAKESPEARE'S IAMBIC PENTAMETER.

COMPUTERS ARE GREAT AND REPEATING THINGS IN **LOOPS.**

STEP 7: IF THIS THEN THAT

SOME POEMS CAN HAVE A CONSISTENT CADENCE THAT KEEPS REPEATING - LIKE SHAKESPEARE'S IAMBIC PENTAMETER.

COMPUTERS ARE GREAT AND REPEATING THINGS IN **LOOPS.**