Instructional Day: Day 1 from Unit D, Part 1

**Topic Description:** Students learn how to use Say and Wait in Scratch to make sprites interact with one another.

## **Objectives:**

The student will be able to:

- Comfortably create new sprites and choose costumes for them.
- Use Say and Wait to create conversations between their sprites.

## **Outline of the Lesson:**

- Demo to introduce the Say and Wait blocks (5 minutes)
  - Build the following short script to show how to use the Scratch interface and introduce the first two blocks:

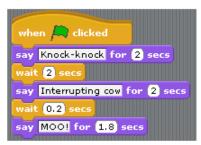


```
say Hello! for 1 secs
wait 1 secs
say How are you? for 1 secs
```

- Demo of interactions using Say and Wait with knock-knock joke (10 minutes)
  - Build the two sprites and scripts below in front of the class as a demonstration of how to create new sprites and use the Say and Wait blocks:



Sprite 1





Sprite 2

```
when clicked
wait 2 secs
say Who's there? for 2 secs
wait 2 secs
say Interrupting cow who? for 2 secs
```

- Independent work in Scratch (30 minutes)
  - o Have students create their own Say and Wait play
  - o Students should use more than one sprite with different costumes
  - o Challenge students to create a Say and Wait play using more than two sprites
- (Optional) Students write a journal/blog entry about what they learned (10 minutes)