

Composing Functions Visual

Description

This activity is best done standing in front of a soda machine on campus. The composition of a change machine being put into a soda machine making one new machine is helpful to students seeing how the inputs and outputs work.

Prep Work

Find a soda machine close to your classroom.

Instructions

- **Pre Activity**

None

- **Activity**

Walk out to the soda machine and discuss how in the old days soda machines did not accept dollar bills. There would be a change machine nearby. One would have to input their dollar bill into the change machine and out would come quarters. These quarters would then go into the soda machine and out would come a soda.

Now the change machine is inside the soda machine and they are all one machine, with an input of dollar bills and an output of soda.

- **Post Activity**

None

Time Required

10 minutes
