Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SOS: Help ME! Review Activity

**Part 1: Give me a beat!**

Even though Jeff’s Mini-Me has a muscular system, he completely forgot to include the very muscular organ, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that pumps life-giving fluid, a.k.a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to the body. He uses a connection of straws to represent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ which carry the fluid to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. He rolls up some notebook paper so the diameter is bigger than the straws to create \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, blood vessels that move away from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. With some cardboard, he creates \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that are like one-way doors inside of the pumping organ. He takes some water and adds red food coloring to show that fluid coming in from the body is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ red while the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that just picked up the gas \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the lungs is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. He motorizes the whole system and he’s good to go on this, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system.

YOUR TASK: Recreate Jeff’s model with the items on your table. Then I’ll stamp it once completed.

**Teacher Stamp:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Go on to Part 2!

**Part 2: Ah... A Breath of Fresh Air**

Rose helps create the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system. She uses a couple of plastic bags to make the right and left lobes of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, that are the main organs needed for breathing. She uses a paper towel roll to represent the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that take air from the nasal passages (nose and mouth) downward to the plastic bags. She uses popsicle sticks covered with some yarn to be the right and left branches or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ leading into the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Finally, she uses play-doh to make tiny little balls to be the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the site where blood picks up \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Shew! One more body system is done. Two more to go!

YOUR TASK: You need to recreate Rose’s model with the items on your table. Then I’ll stamp it once completed.

**Teacher Stamp:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Go on to Part 3!

**Part 3: I Gotta’ Go!**

<http://www.makemegenius.com/video_play.php?id=95>

This is going to be an interactive part of Jeff’s project. All of the judges will be able to make this system and label the parts correctly. Using the supplies at your table, create the system responsible for filtering blood for liquid waste, or the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system. Use the website above to know how to make the FIVE main parts; label them using the notecards on your table. Oh, and be able to explain to me what each part does!

**Teacher Stamp:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Go on to Part 4 You’re almost done!

**Part 4: You Brainiac You!**

Jeff and Rose remember that they have the option of creating a short video for one system and they don’t have to include the structures. This will really save them some time. They decide that since they have all of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ organs, like eyes, nose, ears, mouths and skin, they didn’t need to put in a structure to represent the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the main organ that controls the whole body. For this one, create a short script for Jeff and Rose to describe this system. Your script needs to include these terms and what they do: brain, spinal cord, central nervous system, peripheral nervous system, nerves, neurons, reflexes, impulses and synapse. Remember, only complete sentences are allowed!

(A good resource is <http://studyjams.scholastic.com/studyjams/jams/science/human-body/nervous-system.htm>)

**Teacher Stamp**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. You’re done! Jeff Thanks you A LOT!