



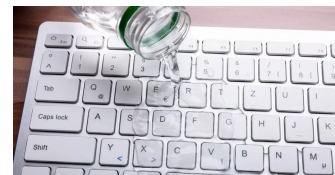
Build Your Own Circulatory System Instructions

Materials

- A parent
- 3 cups of water
- 3 plastic water bottles
- Matching bottle caps with straw sized holes
- 4 bendable plastic straws
- Tape
- Play dough or clay
- Marker
- Large plastic container or tray (to work inside to prevent spills)
- Red food dye (optional)

Instructions

1. **Move your computer to a place where it will remain safe and dry while working with water**



2. Optional: Mix the red food with 3 cups of water to make your blood



3. Label your 3 water bottles:
 - 1: Atrium
 - 2: Ventricle
 - 3: Body





4. Pour blood into the ventricle and atrium until it is almost full then twist on the caps



5. Take 2 straws and tape the shorter ends together (make sure to seal it tight so the blood can travel through without leaking)

Repeat with the other 2 straws



6. Insert the 2 ends of the the first set of straws into the atrium and the ventricle
7. Insert the 2 ends of the second set of straws into the ventricle and body





8. Seal the straws to the bottle caps with clay or play dough



9. Squeeze the atrium bottle to “contract” the atrium to pump the blood to the atrium. Then squeeze the ventricle to “contract” the ventricle to pump the blood to the body.

