Under Pressure

Make a mini aquifer to see how water moves when it is under pressure.

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Begin by gathering your supplies:

- One Glad or Tupperware Type plastic container with lid
- Scissors
- Straws
- Modeling Clay
- Water

2. Cut two small holes in opposite ends of your container lid

3. Cut the straw into two uneven pieces (one end longer than the other)

4. Insert both pieces of straw into the holes of your container lid

5. Seal the openings by pressing clay around the inserted straws

6. Fill the container with as much water as you can

7. Place the lid onto the container

8. Watch what happens when you push down on the lid

Know More:

The Edwards Aquifer is a confined aquifer which means that the water in the Artesian Zone is contained within two layers of impermeable rock. When there is enough water in the Aquifer, hydraulic pressure acts to push water out through Artesian wells and springs. The straws in this example act as wells and springs.

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