Pot-In-Pot Refrigeration
Imagine you have no electricity and no refrigerator. How do you keep food from spoiling?

Materials Needed:
- 3 clay pots, one slightly larger than the other
- sand
- 2 pieces of Cloth (to cover the pots)
- water (room temperature)
- 2 small containers with lids that can fit in the small pot (baby food jars work well for small pots)
- small piece of cardboard

To do and notice:
1. Cover the hole in the large pot with the piece of cardboard.
2. Line the large pot with a layer of wet sand.
3. Put a small pot into the sand.
4. Fill the small containers with room temperature water.
5. Put a container of water into the pot in the sand.
6. Lay a wet cloth on top of the pot.
7. Put a container of water into the pot in the sand.
8. Lay a wet cloth on top of the pot.
9. Put the other container of water into the other small pot. Cover with a dry cloth.
10. Set both covered pots in a dry place. (a windy place is best.)
11. Wait 1 hour. Compare the temperature of the 2 small containers of water.

Going further:
When the water evaporates, it takes heat away from the pot. The water remaining in the sand is cooler. Food in the inner pot can stay cool for days and not spoil.