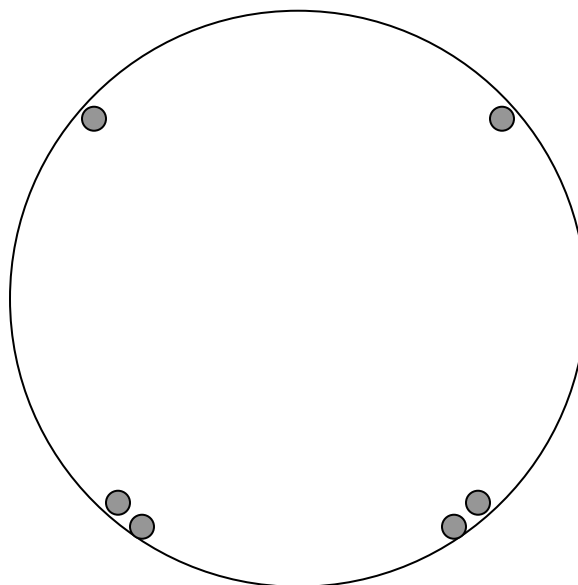
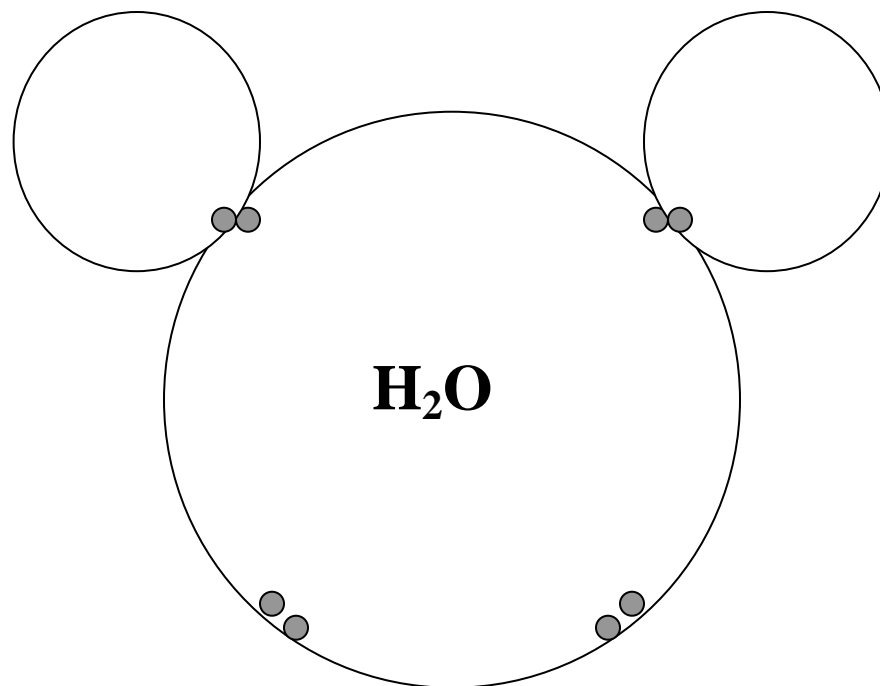


Draw a water molecule and give its chemical symbol.



Draw a water molecule and give its chemical symbol.



*Review what is already known about atoms and molecules.*

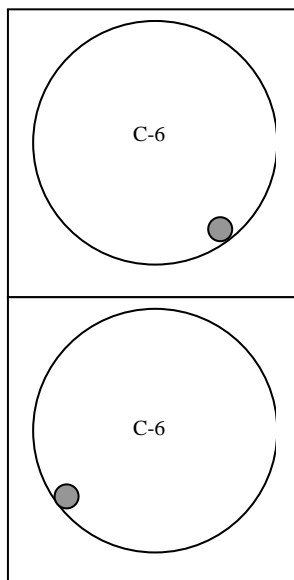
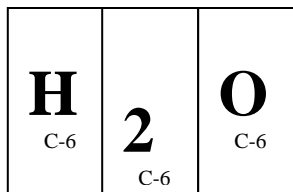
*Oxygen has eight electrons. The two in the inner electron shell are not represented.*

*A hydrogen atom will share its one electron with an unpaired electron in the outer shell of the oxygen atom.*

*H<sub>2</sub>O refers to the two hydrogen and one oxygen atom in every water molecule.*

*Construct a water molecule with large and small marshmallows and toothpicks. Try to mold the marshmallows into a round shape. Point out that water molecules have the familiar shape of mouse ears.*

## Chemistry 6 Information Pieces



*To Make Your MatchCard more durable:*

- 1. Put the student MatchCard and instructor MatchCard back to back in a clear plastic page protector.*
- 2. Laminate the information pieces. Or you can make them sturdier by covering the paper with transparent tape prior to cutting the pieces out.*
- 3. For more ideas on how to use the MatchCards, and for keeping a notebook for review, see the Instructor's Guide.*